



River
City
Science
Academy
Innovation

For incoming
4th Grade
students

Summer Packet

Name _____

Please return this completed packet to your teacher(s) the first week of school. This will be counted as a grade and included in the first nine weeks report card.

2020-2021

School

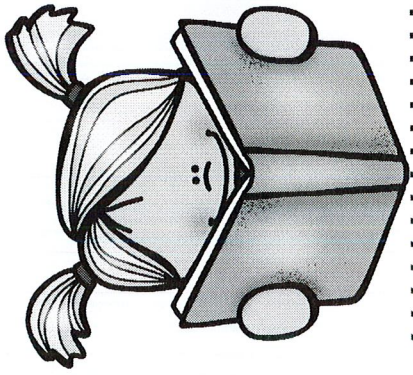
Year



4th Grade Summer Packet

Name:



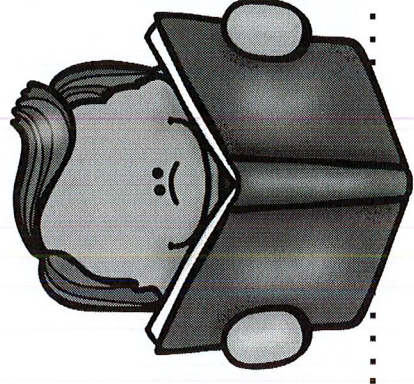


Summer Reading Project-Fourth Grade

Directions: Complete the reading log each week.

Choose one fiction **and** one non-fiction book on which to do a book report. Fill in the boxes for each and complete the illustrations.

You may complete this assignment digitally or print the slides to complete on paper.

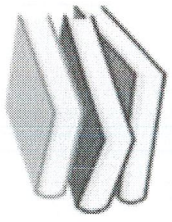


Weekly Reading Log

Directions: Please complete a Reading Log entry each day you read this week.

Date	Title of Book & Author	F/NF	Genre	Page Started	Page Ended	Minutes Read	Reading Engagement Level
Example: 3/30/20	Insignificant Events in the Life of a Cactus by Dusti Bowling	F	Realistic Fiction	116	129	20	4
Week 1							
Week 2							
Week 3							
Week 4							
Week 5							

Weekly Goal = 100 Minutes
 F = Fiction NF = Nonfiction



To complete your Reading Log entry, place your cursor in the highlighted box and type.

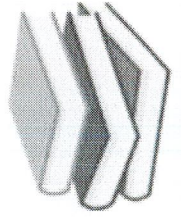
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Example: 3/30/20	Insignificant Events in the Life of a Cactus by Dusti Bowling	F	Realistic Fiction	116	129	20	4
Week 6							
Week 7							
Week 8							
Week 9							
Week 10							

Weekly Goal = 100 Minutes
 F = Fiction NF = Nonfiction



To complete your Reading Log entry, place your cursor in the highlighted box and type.

To complete your Reading Log entry, place your cursor in the highlighted box and type.

Fiction Book Report

Name:
Book Title:
Author:

Date:
Number of Pages:
Genre:

Characters: Who are the characters in your story?

--

Setting: Where and when does your story take place?

--

Where:

--

When:

Plot: Describe the main events from your book in the Flow Map.

Beginning:
Middle:
End:

Beginning:

Middle:

End:

Theme: What is the author's main message in the story?

--

New Vocabulary: Choose and define three new words from your book.

Word:	Page:	Definition:

**Text Connection: Make a Text-to-Text, Text-to-Self, or Text-to-World Connection.
(I thought it was interesting that... OR ... reminds me of ...)**

--

Rating: On a scale of 1 (couldn't stand it) to 10 (LOVED it!), rate your book.

--

Recommendation: Would you recommend this book to a friend? Explain.

--

Insert image here.

Illustrate the main character and upload it onto this slide.

Nonfiction Book Report

Name:	
Book Title:	
Author:	

Date:	
Number of Pages:	

Subject: Who/where/when/what is your book about?

--

Setting: Does your book take place in a specific place or time?

Where:

When:

New Understandings: What are three new facts you learned from this book?

New Fact #1:	
New Fact #2:	
New Fact #3:	

Author's Purpose: What is the author's main purpose for writing this book?

--

New Vocabulary: Choose and define three new words from your book.

Word:	Page:	Definition:

**Text Connection: Make a Text-to-Text, Text-to-Self, or Text-to-World Connection.
(I thought it was interesting that... OR ... reminds me of ...)**

--

Rating: On a scale of 1 (couldn't stand it) to 10 (LOVED it!), rate your book.

--

Recommendation: Would you recommend this book to a friend? Explain.

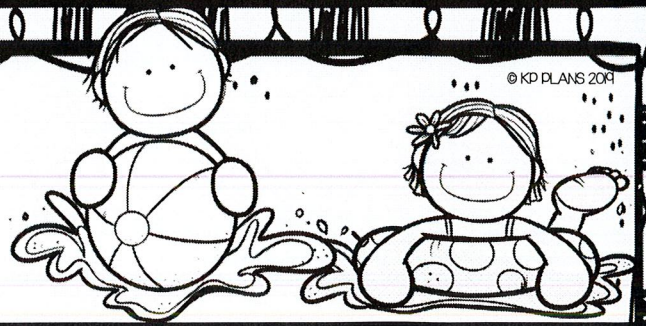
--

Insert image here.

Choose a fact from the book to illustrate here.

PLACE VALUE

VALUES & DIGITS



© KP PLANS 2009

1. What is the value of each digit in the number

54,389?

ex: 5: 50,000

4: _____

3: _____

8: _____

9: _____

2. What place is the 8 in the number

38,496?



3. What is the value of the 4 in this number?

784,312

- a. four thousand
- b. forty thousand
- c. forty
- d. four hundred

4. Move the digits around in the number below to make the largest number possible. Write the number.

732,914

5. Circle the two numbers that have a 9 in the hundreds place.

92,455

3,952

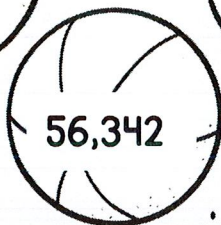
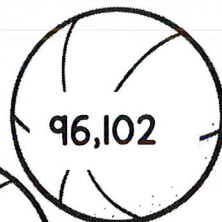
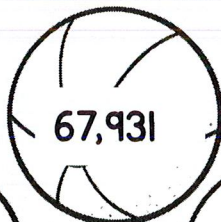
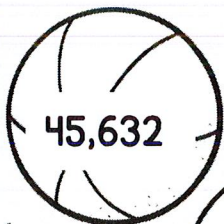
4,906

33,490

29,833

869

6. Color all of the beach balls below where the digit 6 has a value of 6,000.

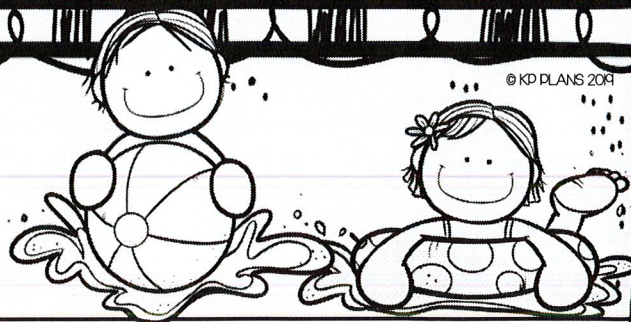


7. What digit is in the ten thousands place?

93,759

PLACE VALUE

NUMBER FORM



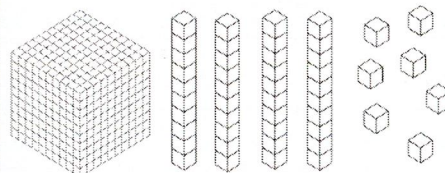
1. What is the number below in standard form?

$$30,000 + 5,000 + 700 + 9$$

2. What is the number below in standard form?

two hundred sixty-eight thousand, four hundred forty-two

3. What number is modeled below?



4. Draw a line to match each number.

72,096

5,437

89,304

8,934

51,430

7,296

8,000+
900+
30+4

fifty-one thousand, four hundred thirty

70,000+
2,000+
90+6

eighty-nine thousand, three hundred, four

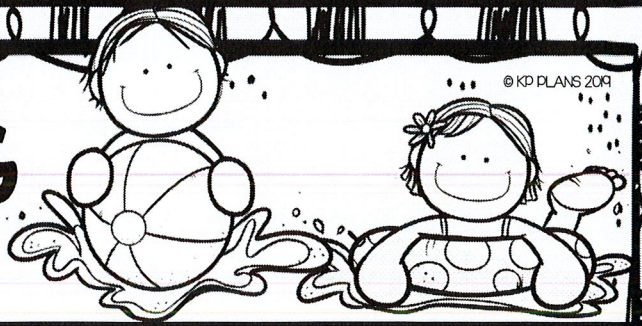
7,000+
200+
90+6

five thousand, four hundred thirty-seven


5. Write the number **81,304** in expanded form.

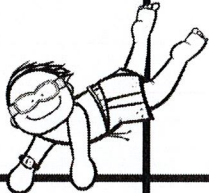
6. Write the number **3,455** in written form.

COMPARING NUMBERS



1. Compare the two numbers below.

2,378  2,738



2. Which is true?

- A. $4,589 > 4,708$
- B. $4,389 > 4,708$
- C. $4,709 > 4,708$
- D. $4,609 > 4,708$

3. Compare the two numbers below.

4,392  4,392

4. Circle all of the numbers that are greater than 3,452.

5,674 1,351
 3,451
 2,352 4,796
 3,452
 8,291 3,400

5. Put the numbers in order from least to greatest.

806, 229, 835, 1,354

6. Circle all of the numbers that are less than 1,379.

1,376 1,380
 2,835 4,928
 379
 806 2,444 1,377

7. What number would make this statement true?

_____ $< 4,329$

- A. 4,330
- B. 4,429
- C. 3,429

8. What number below is LESS than 7,209?

- A. 7,210
- B. 5,239
- C. 8,294
- D. 12,744

9. What number would make this statement true?

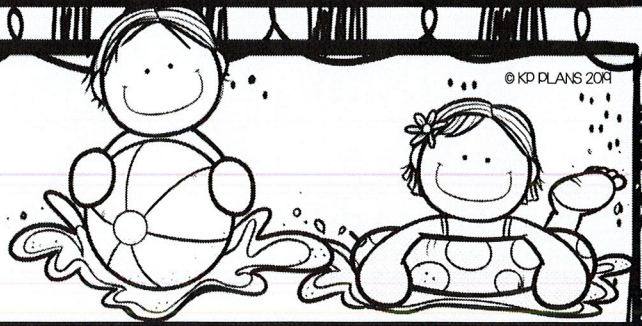
_____ $> 2,796$

- A. 2,796
- B. 2,797
- C. 2,795



PLACE VALUE

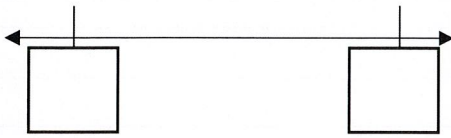
ROUNDING NUMBERS



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1. Plot the number on the number line and then round to the nearest ten.

83



2. Which number below does **not** round to 1,750?

- A. 1,752
- B. 1,748
- C. 1,758
- D. 1,746

3. Plot the number on the number line and then round to the nearest hundred.

379



4. 1,347 kids went to the pool on Saturday. What is 1,347 rounded to the nearest ten?

ex 5. Round the number 5,329 to the nearest...

Ten	Hundred	Thousand
5,330	5,300	5,000

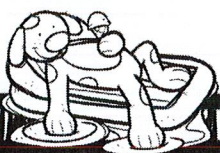
6. Round the number 8,753 to the nearest...

Ten	Hundred	Thousand

7. The local pool offered doggy swim classes. 5,792 dogs attended. What is 5,792 rounded to the nearest hundred?

8. Color all of the floaties that round to 2,300.

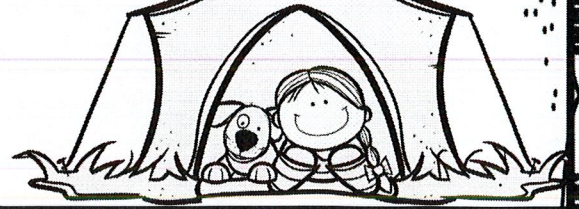
2,342	2,429	2,287	2,326
2,534	2,293	2,253	2,367



COMPUTATION

ADDITION

(3-DIGIT)



1.
$$\begin{array}{r} 342 \\ + 467 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 223 \\ + 598 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 679 \\ + 268 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 387 \\ + 387 \\ \hline \end{array}$$



5.
$$\begin{array}{r} 299 \\ + 553 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 428 \\ + 94 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 136 \\ + 815 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 545 \\ + 427 \\ \hline \end{array}$$

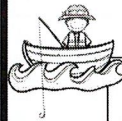


9. Find the sum using the number line.

$682 + 319 = \underline{\hspace{2cm}}$



10. How many people canoed or fished?



Orange Fire Campsite Activities

Canoeing	569
Hiking	672
Fishing	893



11. Find the sum by breaking apart the addends by their place value.

$428 + 457 = \underline{\hspace{2cm}}$

Hundreds	Tens	Ones
+	+	+
<u> </u>	<u> </u>	<u> </u>

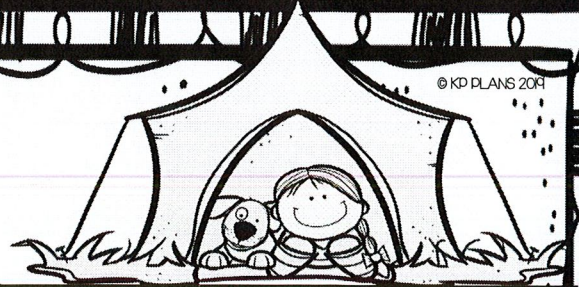
12. Estimate and solve the addition problem below.

$$\begin{array}{r} 839 \\ + 246 \\ \hline \end{array}$$

COMPUTATION

SUBTRACTION

(3-DIGIT)



1. Estimate the difference for both of these problems.

Hint: the answer is the same!

$$\begin{array}{r} 623 \\ - 294 \\ \hline \end{array} \qquad \begin{array}{r} 575 \\ - 306 \\ \hline \end{array}$$

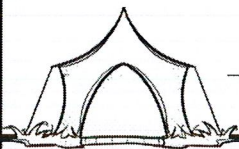
2. Solve the subtraction problems below. Then search for the answers in the bubbles and color them green.

1,268	369	470	668	115	655	219	342
436	722	613	233	418	425	147	335
336	129	38	435	651	902	853	220
219	208	308	412	461	86	744	218
165	471	455	328	375	665	660	703

3. Triple Park Campsite had 997 people camp this weekend. If 324 camped there on Friday and 427 camped on Saturday, how many people camped on Sunday?

$$\begin{array}{r} 903 \\ - 468 \\ \hline \end{array} \qquad \begin{array}{r} 800 \\ - 653 \\ \hline \end{array} \qquad \begin{array}{r} 865 \\ - 394 \\ \hline \end{array} \qquad \begin{array}{r} 404 \\ - 289 \\ \hline \end{array}$$

$$\begin{array}{r} 662 \\ - 293 \\ \hline \end{array} \qquad \begin{array}{r} 729 \\ - 64 \\ \hline \end{array} \qquad \begin{array}{r} 533 \\ - 315 \\ \hline \end{array} \qquad \begin{array}{r} 642 \\ - 306 \\ \hline \end{array}$$



4. Circle the two problems that have the same answer.

- A. $926 - 458 =$ B. $637 - 255 =$
 C. $400 - 298$ D. $705 - 237 =$

5. Solve for the difference using a number line.

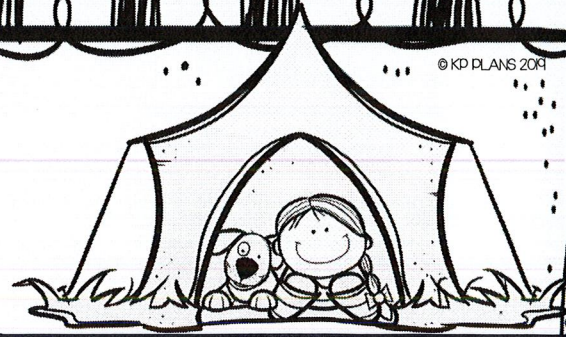
$$737 - 259 = \underline{\hspace{2cm}}$$



COMPUTATION

ADDITION & SUBTRACTION

(WORD PROBLEMS)



1. Big Bear Campsite gives all of their guests lanterns to help see at night. They have 568 lanterns but after testing them noticed that 218 lanterns didn't work. How many lanterns are working?



2. Golden Canyon Campsite sells sleeping bags at their mini-mart. On Friday they had 894 sleeping bags and sold 332 that day. A new shipment came in on Saturday with 469 more sleeping bags. How many sleeping bags does the mini-mart have now?



3. Blue Sky Bay Campsite has a welcome party every Friday night for their campers. Tonight they're roasting marshmallows. Camper John brought 1,267 marshmallows and Camper Alice brought 966. How many marshmallows do they have for the welcome party?



4. 472 campers were supposed to camp at Bryce Campsite tonight. But then 137 campers left because they saw a bear! Bryce Campsite put up a vacancy sign and 67 new campers came. How many campers are now at the campsite tonight?



Use the chart to answer the questions below.

Number of Campers in June	
Blue Valley Campsite	2,731
Shendandoah Campsite	1,202
Lake Anna Campsite	786

5. How many campers were at all three campsites in June?

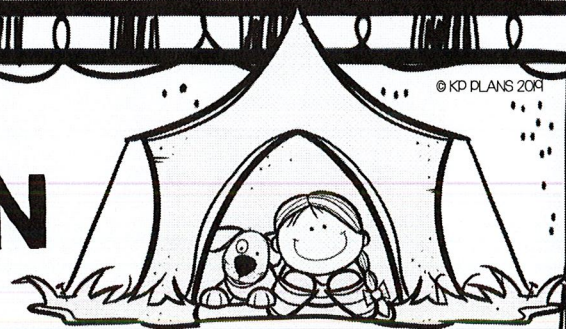
6. How many more campers were at Blue Valley Campsite than Lake Anna Campsite?



COMPUTATION

MULTIPLICATION

(BASIC FACTS)



- 1. $5 \times 4 = \underline{\hspace{2cm}}$ 2. $6 \times 3 = \underline{\hspace{2cm}}$ 3. $9 \times 8 = \underline{\hspace{2cm}}$ 4. $7 \times 2 = \underline{\hspace{2cm}}$ 5. $5 \times 7 = \underline{\hspace{2cm}}$
- 6. $8 \times 8 = \underline{\hspace{2cm}}$ 7. $3 \times 8 = \underline{\hspace{2cm}}$ 8. $4 \times 7 = \underline{\hspace{2cm}}$ 9. $5 \times 5 = \underline{\hspace{2cm}}$ 10. $4 \times 4 = \underline{\hspace{2cm}}$
- 11. $4 \times 8 = \underline{\hspace{2cm}}$ 12. $7 \times 8 = \underline{\hspace{2cm}}$ 13. $6 \times 7 = \underline{\hspace{2cm}}$ 14. $3 \times 9 = \underline{\hspace{2cm}}$ 15. $9 \times 4 = \underline{\hspace{2cm}}$
- 16. $2 \times 10 = \underline{\hspace{2cm}}$ 17. $6 \times 6 = \underline{\hspace{2cm}}$ 18. $9 \times 7 = \underline{\hspace{2cm}}$ 19. $1 \times 5 = \underline{\hspace{2cm}}$ 20. $6 \times 9 = \underline{\hspace{2cm}}$
- 21. $4 \times 10 = \underline{\hspace{2cm}}$ 22. $7 \times 3 = \underline{\hspace{2cm}}$ 23. $8 \times 8 = \underline{\hspace{2cm}}$ 24. $1 \times 1 = \underline{\hspace{2cm}}$ 25. $6 \times 9 = \underline{\hspace{2cm}}$

2. Color all of the facts that equal 48.

4×8	6×9	12×4
7×6	8×6	5×8

3. Color all of the facts that equal 24.

3×7	6×4	5×5
12×2	3×8	4×7

4. Color all of the facts that equal 12.

6×3	2×6	5×2
3×4	7×2	12×1

5. Fill in the blanks below.

$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = 56$
 $\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = 72$
 $\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = 28$

6. Find and color the 10 hidden multiplication facts in the chart below. The first one has been done for you. (9 more)

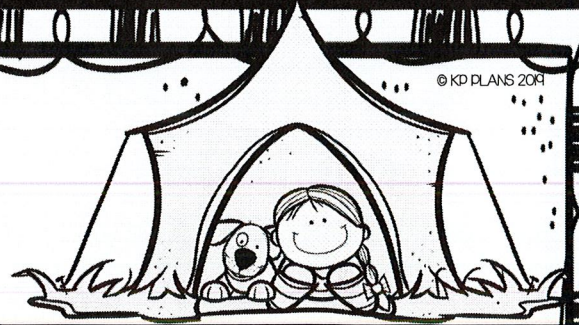
4	6	24	3	2	9
4	7	5	8	8	64
16	40	7	24	2	9
6	4	35	6	9	54
3	7	21	1	4	3
18	28	6	6	36	8

7. Draw a line to the correct answer.

$6 \times 6 =$ 64
 $3 \times 9 =$ 36
 $8 \times 8 =$ 16
 $4 \times 4 =$ 27

COMPUTATION

MULTI-DIGIT MULTIPLICATION



1. 59
 $\times 2$

2. 66
 $\times 3$

3. Solve the problem using the box method.

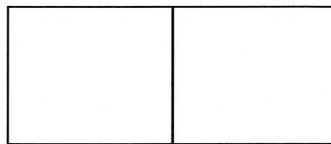
$68 \times 4 = \text{-----}$

4. 39
 $\times 0$

5. 44
 $\times 3$

6. 98
 $\times 5$

7. 85
 $\times 4$



8. 46
 $\times 1$

9. 76
 $\times 3$

10. Solve the problem using partial product.

$82 \times 2 = \text{-----}$



11. Which equation below is true?



A. $300 \times 4 = 340$

B. $30 \times 4 = 304$

C. $300 \times 4 = 1,200$

D. $30 \times 4 = 34$

12. Solve the problem using partial product.

$65 \times 5 = \text{-----}$

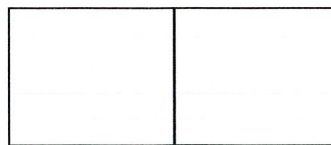


13. There are 87 tents at Big Bear Campsite tonight. If 3 people sleep in each tent, how many people are sleeping at Big Bear tonight?



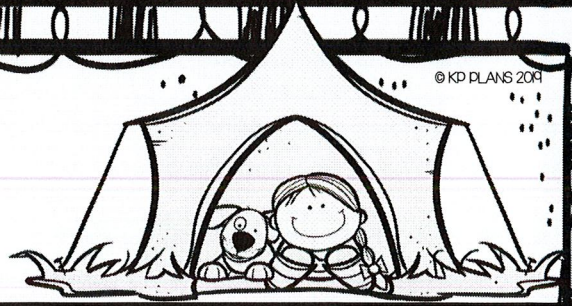
14. Solve the problem using the box method.

$23 \times 4 = \text{-----}$



15. At Bear Campsite, they give their guests a book of camp songs. The book has 52 pages and there are 2 songs on each page, how many total songs are in the book?





COMPUTATION

DIVISION

(BASIC FACTS)

- 1. $32 \div 4 = \underline{\quad}$ 2. $18 \div 3 = \underline{\quad}$ 3. $36 \div 4 = \underline{\quad}$ 4. $12 \div 6 = \underline{\quad}$ 5. $56 \div 7 = \underline{\quad}$
- 6. $54 \div 6 = \underline{\quad}$ 7. $24 \div 3 = \underline{\quad}$ 8. $18 \div 2 = \underline{\quad}$ 9. $63 \div 9 = \underline{\quad}$ 10. $10 \div 5 = \underline{\quad}$
- 11. $24 \div 6 = \underline{\quad}$ 12. $25 \div 5 = \underline{\quad}$ 13. $30 \div 5 = \underline{\quad}$ 14. $81 \div 9 = \underline{\quad}$ 15. $49 \div 7 = \underline{\quad}$
- 16. $48 \div 6 = \underline{\quad}$ 17. $21 \div 3 = \underline{\quad}$ 18. $27 \div 9 = \underline{\quad}$ 19. $20 \div 2 = \underline{\quad}$ 20. $14 \div 2 = \underline{\quad}$
- 21. $16 \div 4 = \underline{\quad}$ 22. $36 \div 6 = \underline{\quad}$ 23. $12 \div 3 = \underline{\quad}$ 24. $8 \div 2 = \underline{\quad}$ 25. $6 \div 6 = \underline{\quad}$

2. Color each fact that has a quotient of 3.			3. Circle each fact that has a quotient of 8.			4. Circle each fact that has a quotient 7.		
$72 \div 8$	$27 \div 9$	$15 \div 5$	$56 \div 7$	$42 \div 6$	$45 \div 5$	$42 \div 6$	$35 \div 7$	$63 \div 9$
$12 \div 3$	$28 \div 7$	$9 \div 3$	$32 \div 4$	$64 \div 8$	$24 \div 8$	$27 \div 4$	$21 \div 3$	$12 \div 2$

5. Fill in the blanks below.

$36 \div \underline{\quad} = 6$

$64 \div \underline{\quad} = 8$

$24 \div \underline{\quad} = 3$

$54 \div \underline{\quad} = 6$

6. Solve the division problems to find the correct answer
Then use your answers to complete the maze.

Start: $56 \div 7$	9	$64 \div 8$	8	$49 \div 7$
7	8	3	4	7
$24 \div 6$	6	$27 \div 9$	9	$25 \div 5$
4	7	8	5	4
$36 \div 6$	9	$81 \div 9$	10	$40 \div 4$
6	5	2	12	3
$12 \div 3$	4	End: 	5	$15 \div 3$

7. Draw a line to the correct answer.

$32 \div 4 =$ 4

$28 \div 7 =$ 8

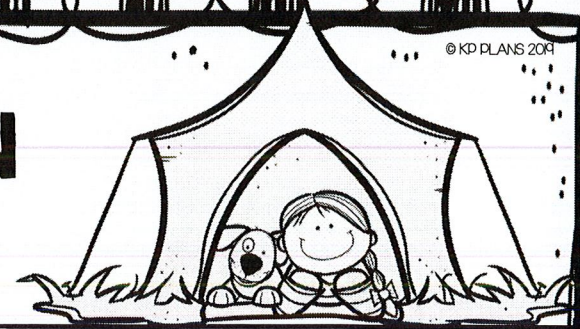
$9 \div 3 =$ 9

$72 \div 8 =$ 3

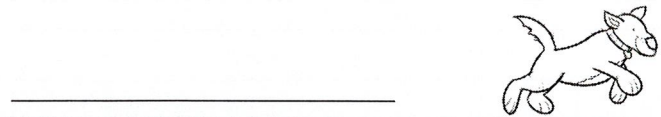
COMPUTATION

MULTIPLICATION & DIVISION

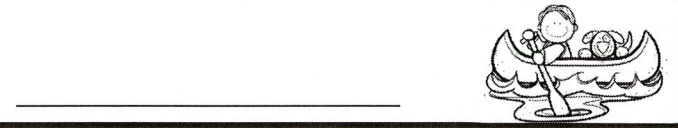
(WORD PROBLEMS)



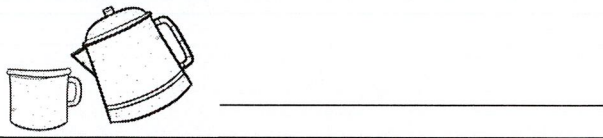
1. 9 families are staying at Yellowstone Campsite tonight. Each family brought 3 dogs. How many dogs are staying at Yellowstone Campsite tonight?



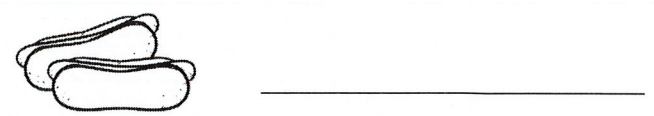
2. 49 people want to go on the canoe trip. Each canoe holds 7 people. How many canoes will they need to fit everyone?



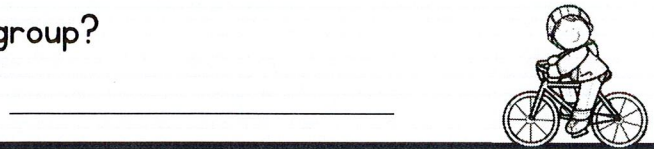
3. The Fallston family made 2 pitchers of hot chocolate. Each pitcher serves 6 cups of hot chocolate. If there are 4 people in the family, how many cups will each person get?



4. The Peterson family bought 3 packs of hotdogs for their cookout. Each pack had 10 hotdogs. If there are 5 people in the family, how many hotdogs will each person get?



5. The campsite offers daily bike tours to their guests. Today they have 25 people going on the tour. If they split the guests into 5 groups, how many will be in each group?

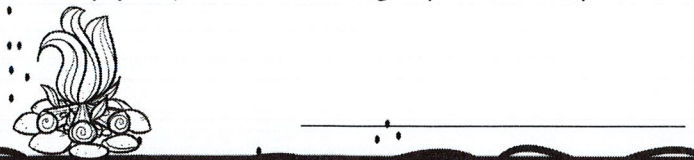


Campsite Rental Costs Per Day	
Tent	\$6.00
Sleeping Bag	\$3.00
Canoe	\$9.00

7. If Kathy rents a tent for 6 days, how much money will she owe?



6. There are 6 campfires at Zion Campsite. Each campfire has enough seats for 10 people. Tonight all campfires are full. How many people are sitting by the campfire?



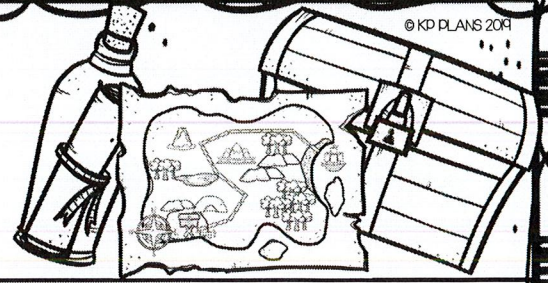
8. Billy spent \$24.00 on a sleeping bag. How many days did he rent the sleeping bag?



TIME

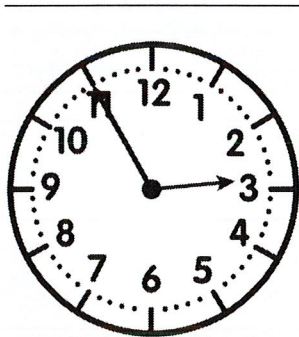
TELLING TIME

(TO 5 MINUTES)

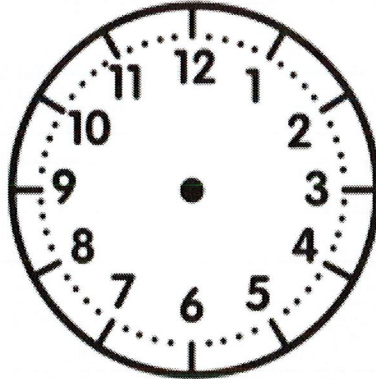


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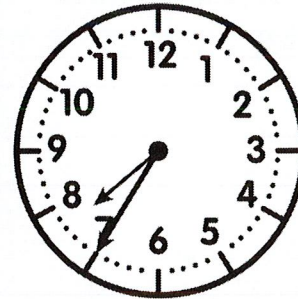
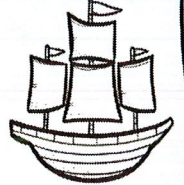
1. What time is on the clock?



2. Draw 9:10 on the clock.

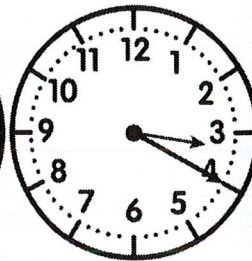
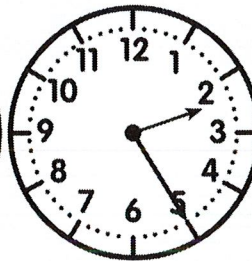
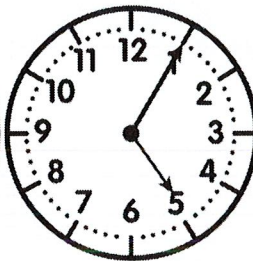
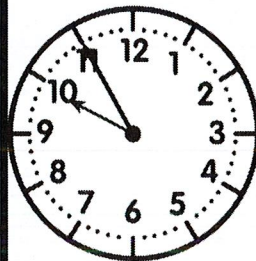


3. The pirate ship set sail at the time shown below. What time did it set sail?

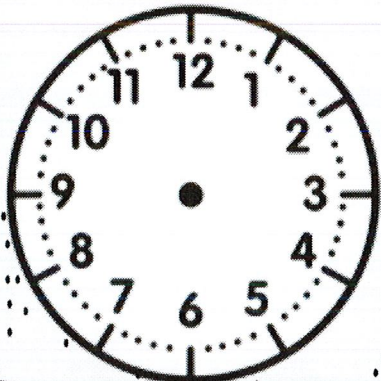


4. Polly the Parrot says it is half past three. What time is it?

5. Pirate Pete's job is to keep track of the time on the boat. The only problem is, he doesn't know how to tell time! Teach him by helping him match the clocks to their correct time.



6. Draw 6:40 on the clock.



2:25

9:55

3:20

5:05

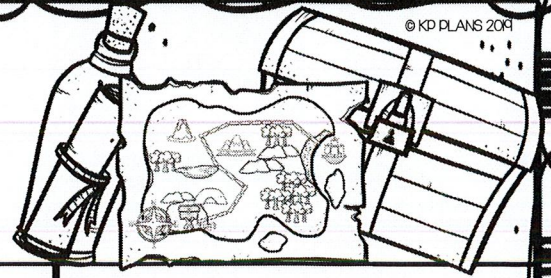


TIME

© KD PLANS 2014

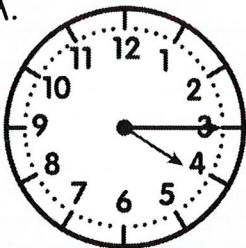
ELAPSED TIME

(TO THE HOUR)

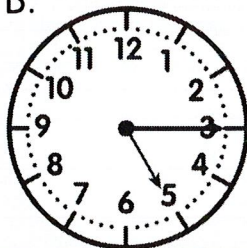


1. Pirate Jack hopped off his ship at 1:15 to search for the hidden treasure. He searched for 4 hours before getting back on the ship. Which clock shows the time he was back on the ship?

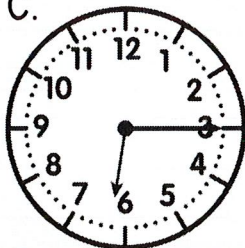
A.



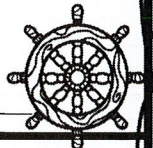
B.



C.



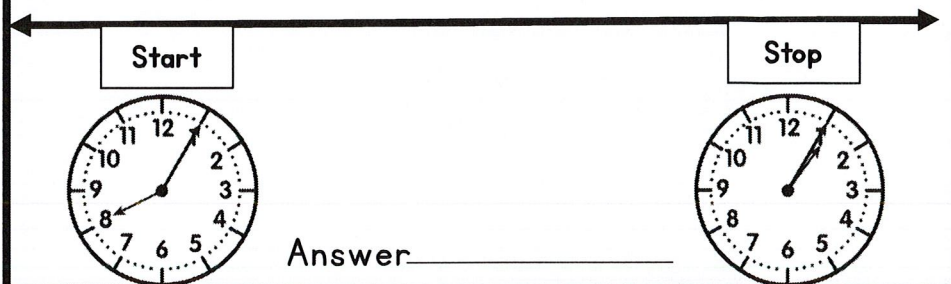
2. Pirate Alice was in charge of steering the boat from 2:45 to 8:45. How many hours was she steering the boat?



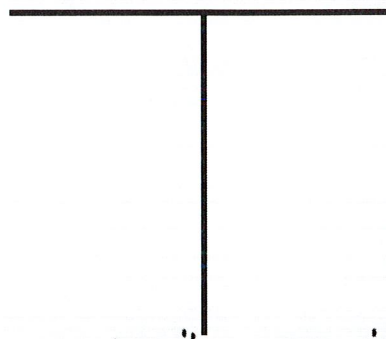
3. Pirate Johnny can only take a nap for 2 hours or he'll have to walk the plank! If Pirate Johnny falls asleep at 7:30, what time does he have to wake up?

- A. 5:30
- B. 10:30
- C. 9:30
- D. 8:30

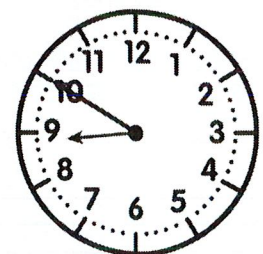
4. The Junior Pirates go to school every day to learn about how to search for gold. The clocks below show what time Pirate School starts and ends. Using the number line below, find out how many hours the Junior Pirates go to school.



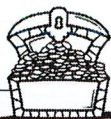
5. Long John Silver is on Gold Guard duty. His shift to guard the gold ended at 4:25pm. His shift started at 11:25am. How long was his Gold Guarding shift? Use the T-Chart to solve.



6. What time will it be in 3 hours?



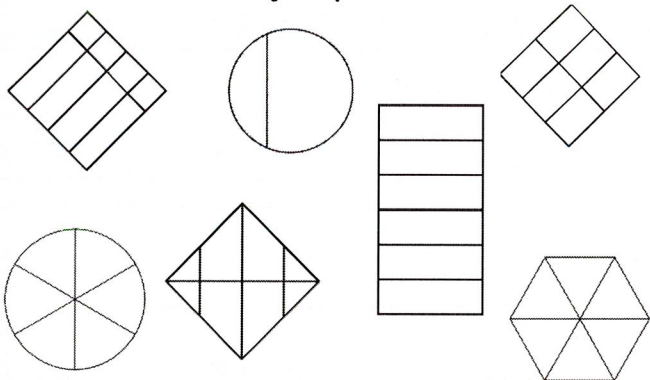
Answer _____



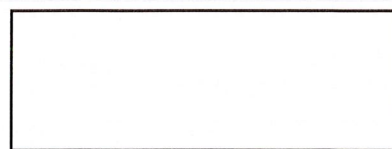
FRACTIONAL PARTS



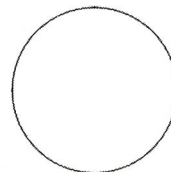
1. Color all the the shapes that have equal parts.



2. Partition the shape into 2 equal parts.

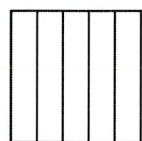


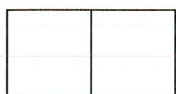
3. Partition the shape into 4 equal parts.

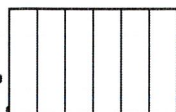


4. Write (in words) how many parts each shape is broken into.

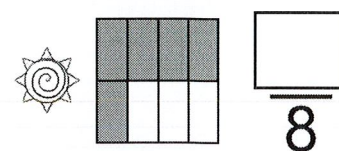
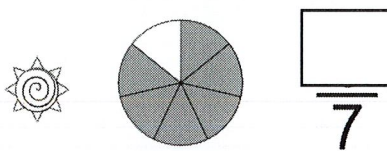
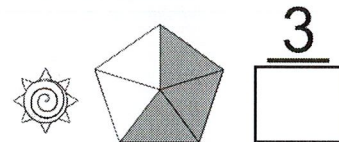
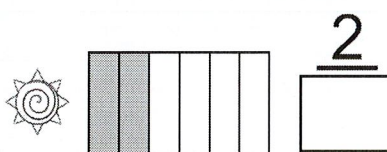




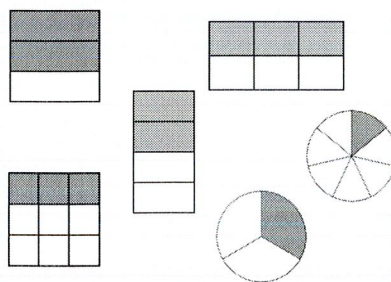




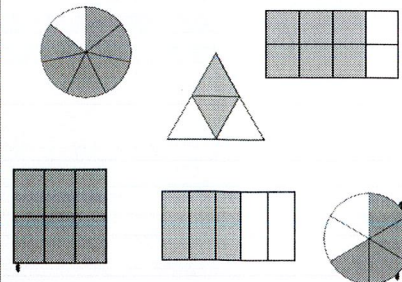
5. Fill in the missing numbers to complete the numerator and denominator.



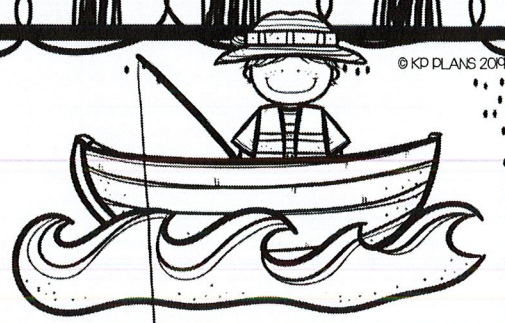
6. Circle the two fractions that have a numerator of 3.



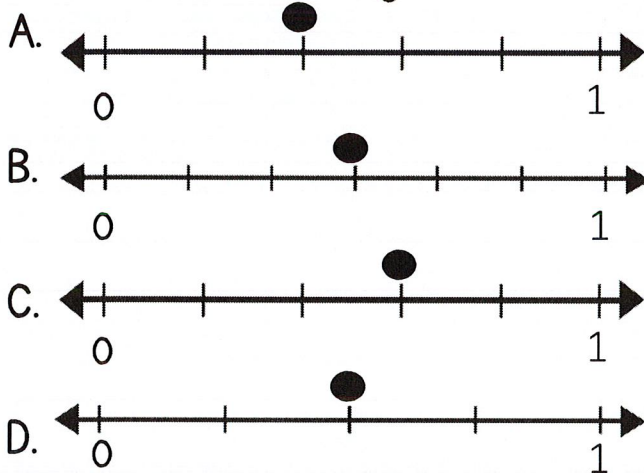
7. Circle the two fractions that have a denominator of 6.



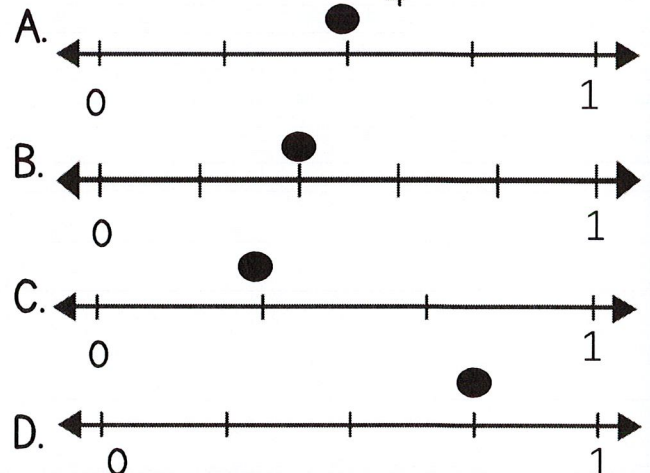
FRACTIONS ON A NUMBER LINE



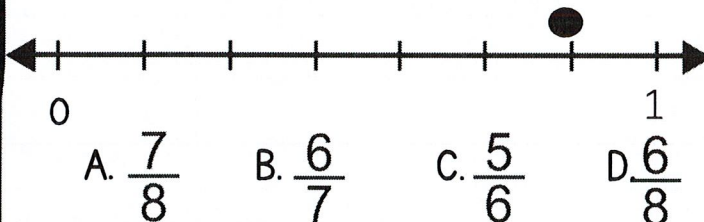
1. Which number line has a dot that represents $\frac{3}{5}$?



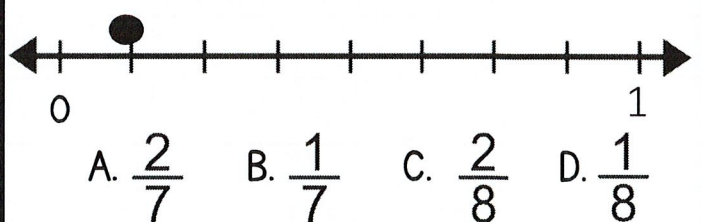
2. Which number line has a dot that represents $\frac{2}{4}$?



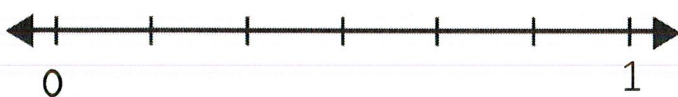
3. What fraction is represented by the dot on the number line?



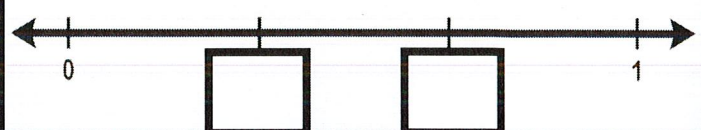
4. What fraction is represented by the dot on the number line?



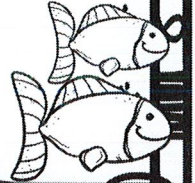
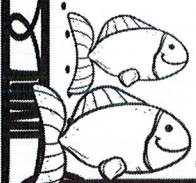
5. Label the number line and then mark where $\frac{4}{6}$ is located.



6. Fill in the missing fractions on the number line.



7. Partition the number line into fourths and then mark where $\frac{3}{4}$ is located on the number line.

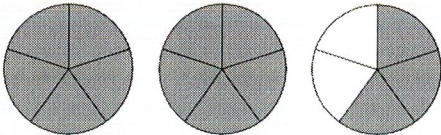


MIXED NUMBERS

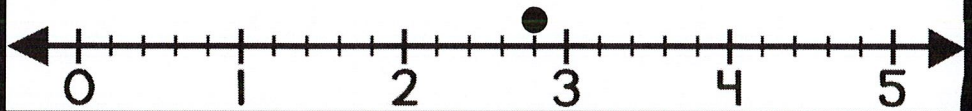


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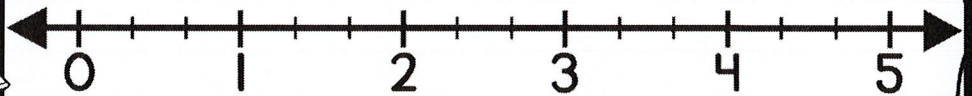
1. What is the mixed number shown below?



2. What mixed number is shown?

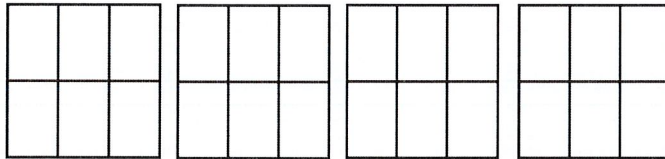


3. Plot the mixed number on the number line: $3\frac{2}{3}$

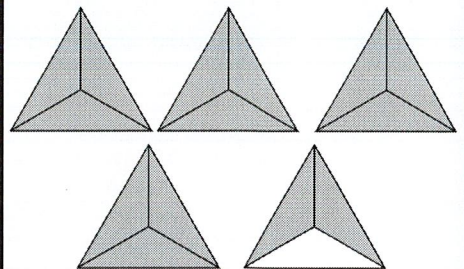


4. Shade in the figure to represent the mixed number.

$$2\frac{4}{6}$$

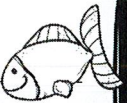
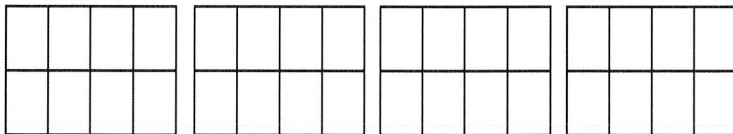


6. What is the mixed number shown below?

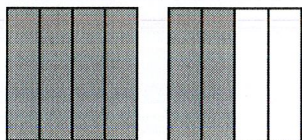


5. Shade in the figure to represent the mixed number.

$$3\frac{1}{8}$$

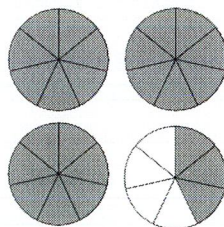


7. What is the mixed number shown below?



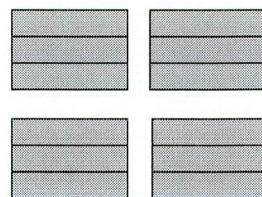
8. Circle the figure that DOES NOT correctly represent the mixed number below.

A.



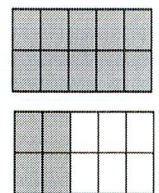
$$3\frac{3}{6}$$

B.

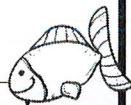


$$4$$

C.




$$1\frac{4}{10}$$

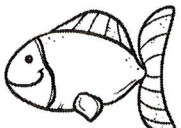


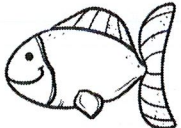
COMPARING FRACTIONS




1. Compare the fractions below.

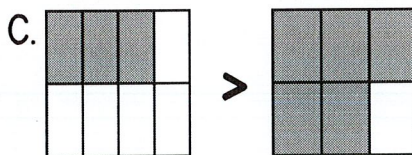
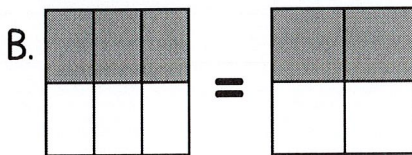
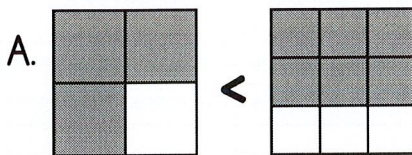
$$\frac{3}{5} \text{  \frac{3}{9}$$

$$\frac{5}{7} \text{  \frac{5}{6}$$

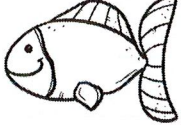
$$\frac{2}{3} \text{  \frac{2}{8}$$

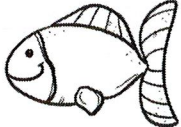
$$\frac{4}{10} \text{  \frac{4}{10}$$

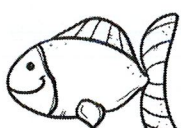
2. Which statement below is true?

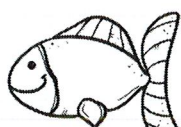


4. Compare the fractions below.

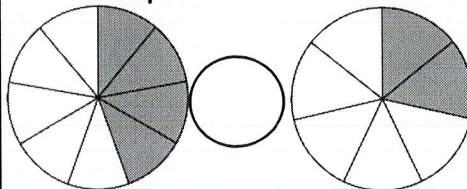
$$\frac{4}{8} \text{  \frac{1}{8}$$

$$\frac{3}{7} \text{  \frac{6}{7}$$

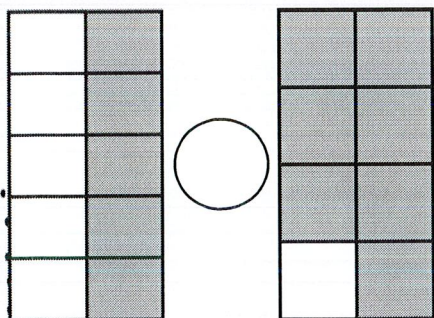
$$\frac{5}{9} \text{  \frac{5}{9}$$

$$\frac{2}{6} \text{  \frac{5}{6}$$

3. Compare the fraction.



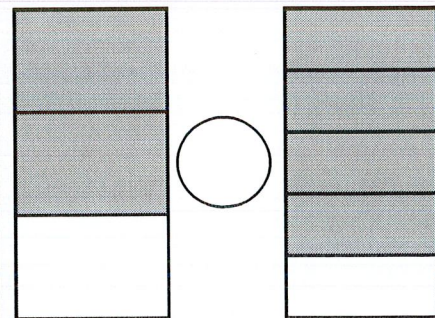
5. Compare the fractions below.



6. Margot and Billy were eating a batch of cookies.

Margot ate $\frac{3}{12}$ of the cookies and Billy ate $\frac{6}{12}$.
Who ate more cookies?

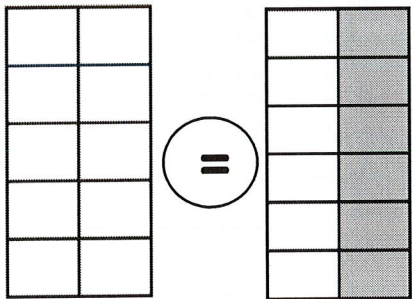
7. Compare the fractions below.



EQUIVALENT FRACTIONS



1. Shade in the figure to make it equal to the fraction.



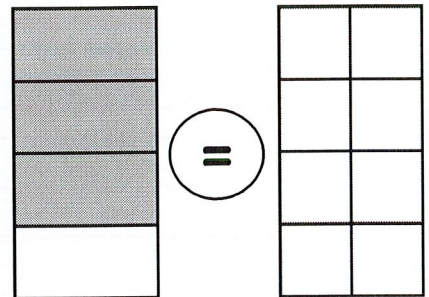
2. Fill in the box to make the two fractions equal.

$$\frac{2}{3} = \frac{\square}{6}$$

3. Fill in the box to make the two fractions equal.

$$\frac{\square}{4} = \frac{2}{8}$$

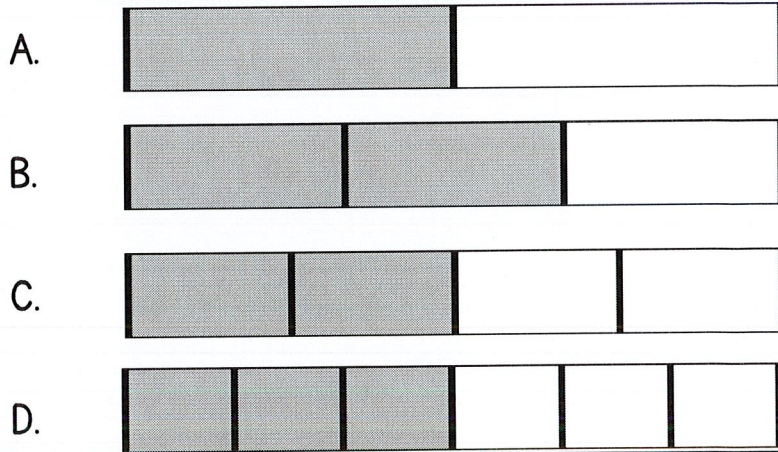
4. Shade in the figure to make it equal to the fraction.



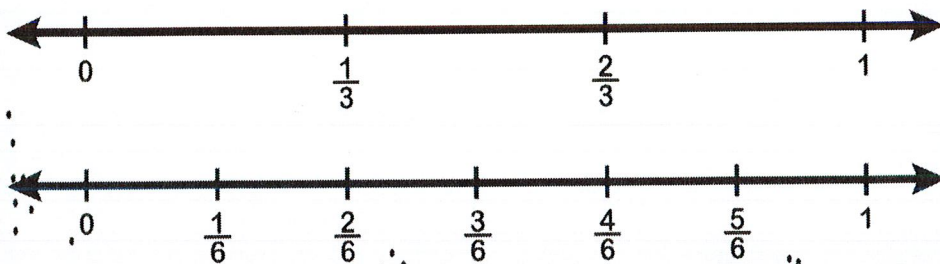
5. Frank caught 10 fish. He threw $\frac{1}{2}$ of the fish back into the water. How many fish does Frank have left?



6. Circle all of the shapes that are equal to $\frac{1}{2}$.



7. Circle the fraction on the number line that is equivalent to $\frac{1}{3}$

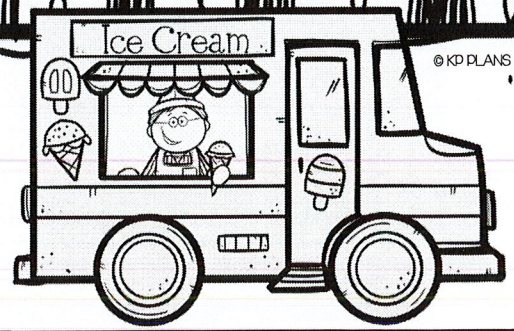


8. Write in a fraction that will make this statement true.

$$\frac{3}{3} = \square$$

MONEY

SIZZLING SUMMER SPIRAL



1. Color the coins you need to buy the cone.



2. Compare the money amounts below. Then fill in the correct comparison sign in the popsicle.



3. How much money is shown below?



5. Show \$1.23 using the least amount of coins.

4. Tom has the money below in his pocket. Can he buy an ice cream sandwich for \$2.07?



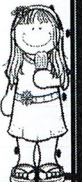
YES or NO

6. Luke bought 2 ice cream cones. Each cone cost \$1.34. If he paid with \$5.00, what is his change?

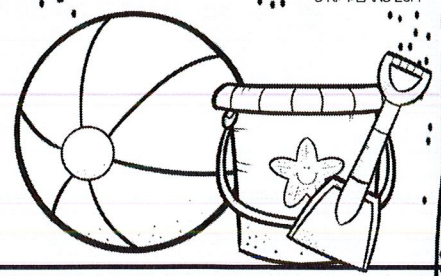


7. Jenny bought a popsicle for \$1.59. She paid with \$2.00. Draw her change below.

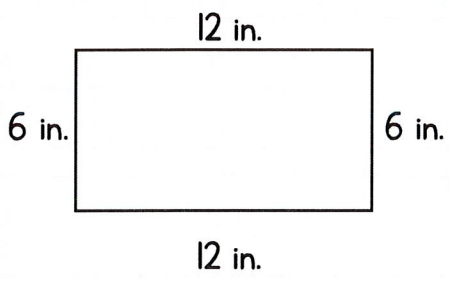
8. If Allie wants to buy a popsicle for \$1.59 and an ice cream cone for \$1.34. What will her total be?



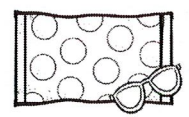
PERIMETER



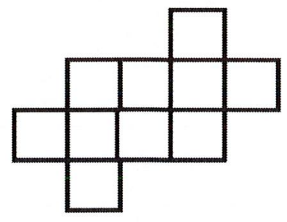
1. What is the perimeter of the shape below?



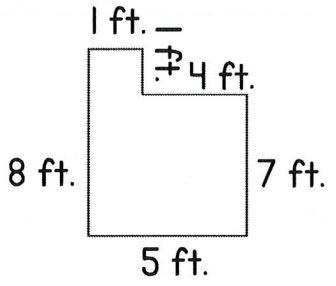
2. Maggie's beach towel has a width of 7 ft. and a height of 3 ft. What is the perimeter of her beach towel?



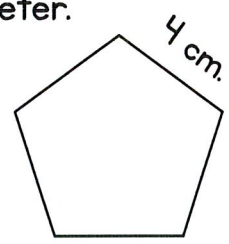
3. What is the perimeter of the shape below?



4. What is the perimeter of the shape below?



5. Fill in the missing sides. Then solve for the perimeter.



6. Circle ALL of the figures that have a perimeter of 16.

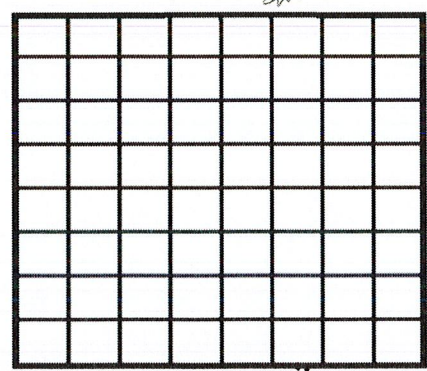
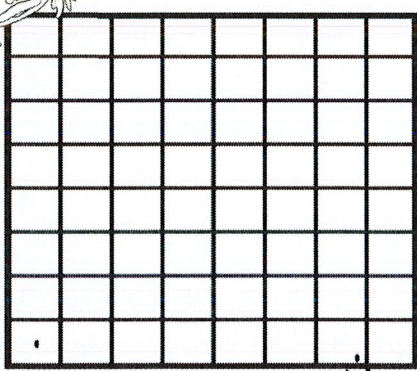
A. 3 ft. 5 ft. 3 ft. 5 ft.

B. 10 units

C. 5 cm. 5 cm. 5 cm.

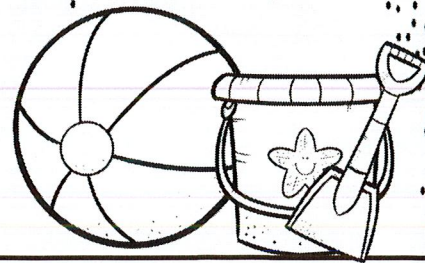
D. 7 in. 1 in.

7. Create two different rectangles that each have a perimeter of 24 units.

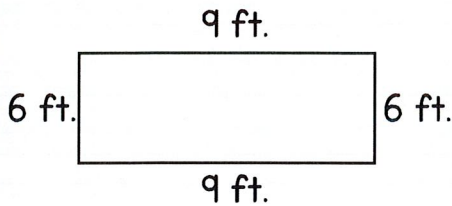


MEASUREMENT

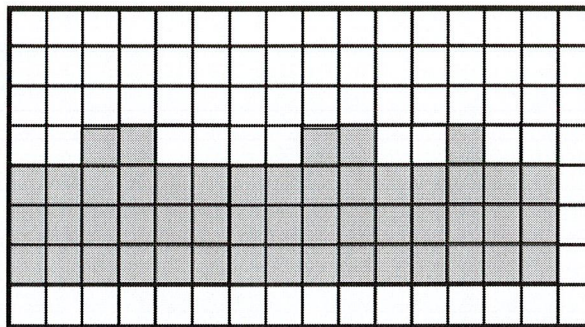
AREA



1. Use multiplication to solve for the area below.

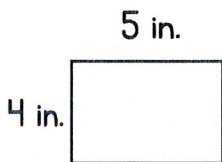
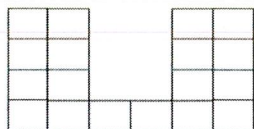
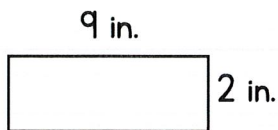
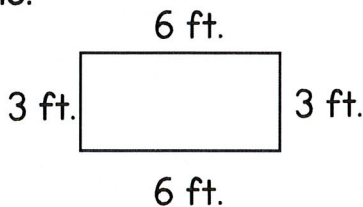


2. The diagram below shows the dimensions of Mark and Lucy's sand castle that they're building. What is the area?

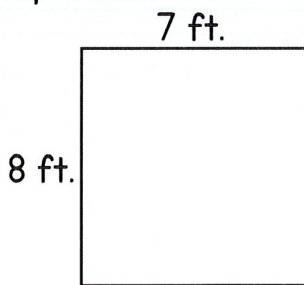




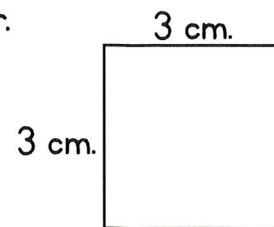
3. Circle the figure that DOES NOT have an area of 18.



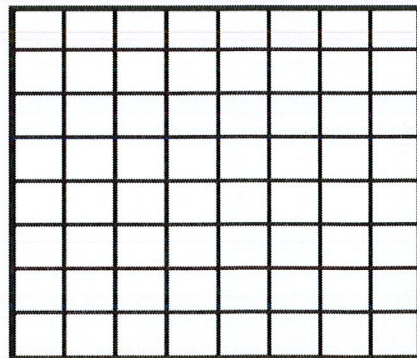
4. Find the area of the shape below.



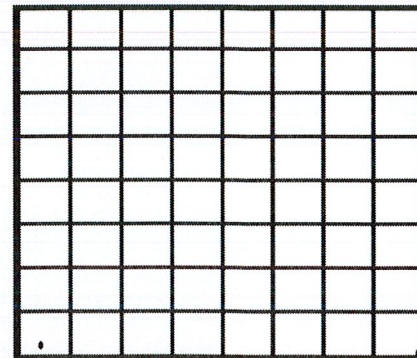
5. Tile the square to find the area of the shape. Multiply to check your answer.



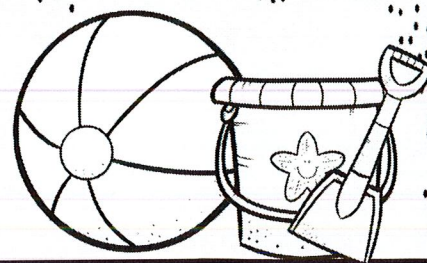
6. Create a rectangle with an area of 25 sq. units.



7. Create a rectangle with an area of 14 sq. units.

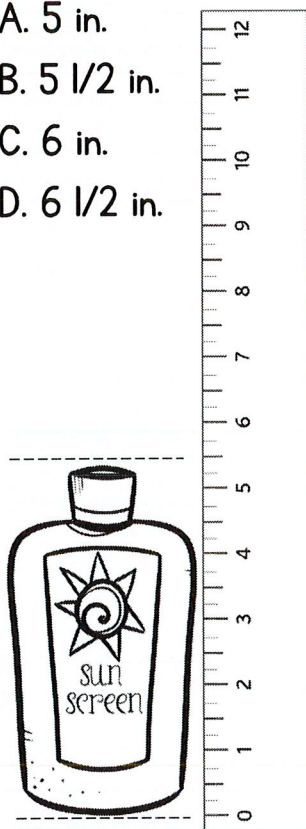


LENGTH

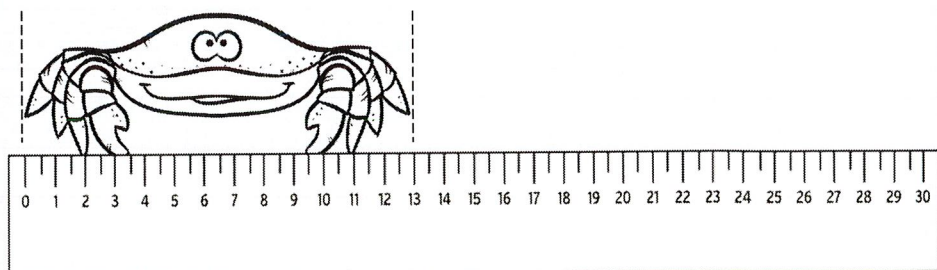


1. What is the height of the sunscreen bottle to the nearest half inch?

- A. 5 in.
- B. 5 1/2 in.
- C. 6 in.
- D. 6 1/2 in.



2. How long is the crab to the nearest centimeter?



3. What unit of measurement would you use to measure the height of a palm tree?

- A. inches
- B. centimeters
- C. feet
- D. miles



4. Jenny is driving to the beach. What two units would you use to measure the distance driven?

- A. inches & centimeters
- B. miles & kilometers
- C. feet & meters
- D. miles & meters

5. What is the best estimate for the length of a pair of sunglasses?



- A. 2 miles
- B. 6 centimeters
- C. 5 inches
- D. 1 foot

6. Draw a line to match the items to their approximate length.



beach towel

7 inches



sandal

7 centimeters



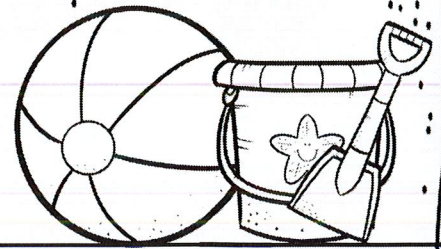
seashell

7 feet

7. What is the best estimate for the length of a dolphin?

- A. 3 inches
- B. 6 miles
- C. 6 centimeters
- D. 3 meters

WEIGHT/MASS



1. Draw a line to the objects and their approximate estimates.



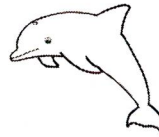
sand dollar



seagull



palm tree



dolphin

400 pounds

1 ounce

4 pounds

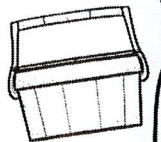
1 ton

2. What unit of measurement would you use to measure the weight of a cooler?

A. ounce

B. pound

C. ton



3. What is the best estimate for the mass of a large dog?

A. 4 grams

B. 40 grams

C. 4 kilograms

D. 40 kilograms



4. Circle the best estimate for each item.

dollar bill: 1 g or 1 kg

cat: 10 oz. or 10 lbs.

scissors: 3 oz. or 3 lbs.

television: 16 g. or 16 kg.

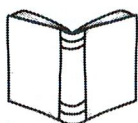
4. What is the best estimate for the weight of an eight year old?

A. 60 ounces

B. 60 pounds

C. 60 tons

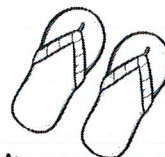
5. Circle the object that is about one ton.



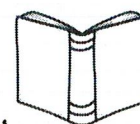
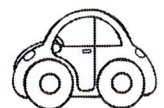
6. What unit of measurement would you use to measure the mass of a flip flop??

A. kilogram

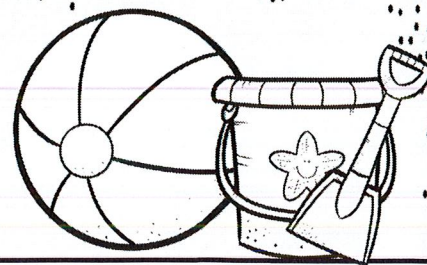
B. gram



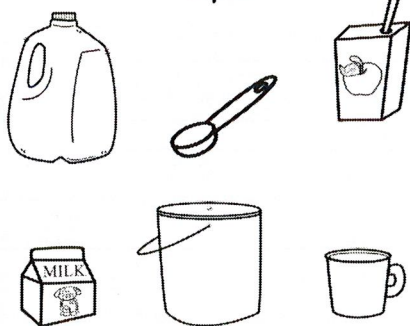
7. Circle the object that is about one kilogram.



CAPACITY

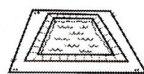


1. Circle all of the items you would measure in cups.



2. What unit of measurement would you use to measure the amount of water in a pool?

- A. gallons B. cups
C. pints D. quarts



3. Circle the item that is about one quart.



4. What is the best estimate for the amount of lemonade in a glass?

- A. 4 gallons
B. 10 pints
C. 2 cups
D. 2 quarts



5. What unit of measurement would you use to measure the amount of liquid in a small sunscreen bottle?

- A. liters B. milliliters



6. What is the best estimate for the amount of liquid in a bowl of soup?

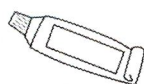
- A. 1 pint
B. 1 gallon
C. 10 milliliters
D. 10 cups



7. John had to estimate the amount of liquid in each item below. Circle which answer is definitely wrong.



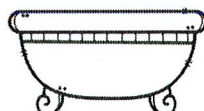
soda bottle
2 liters



toothpaste
2 quarts



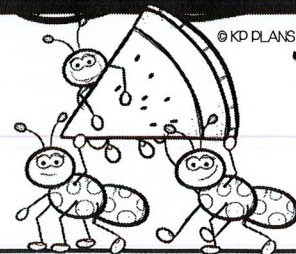
ice cream
1 pint



bathtub
40 gallons

8. Katie is about to take a bath. Do you think she will use more than one gallon of water or less than one gallon? Circle below.

- more than one gallon
less than one gallon



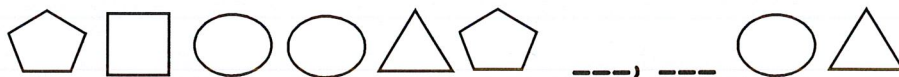
PATTERNS

1. If the pattern below continues, what will the next two numbers be?

7, 13, 19, 25 ----, ----

- A. 30, 36 B. 6, 12
C. 29, 33 D. 31, 37

2. What two shapes were removed from this pattern?



- A. B. C. D.

3. What is the missing number in this pattern?

92, 84, 76, _____, 60, 52, 44, 36

4. What rule does this pattern follow?



Input Output

33	26
39	32
66	59
94	87

5. What equation can you use to determine how many minutes it will take to run 6 miles?

Miles Run	# of Minutes
1	6
2	12
3	18

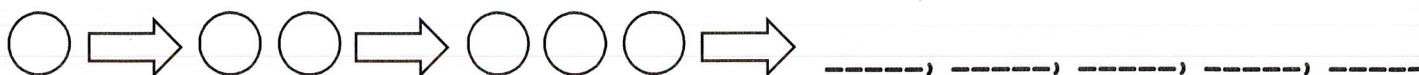
- A. $6 + 6$ B. 6×6
C. 6×3 D. 6×10

6. What number belongs in the blank box?



1	30
2	45
3	?
4	75

7. If the pattern continues to grow, draw what the next five shapes will be.



8. Draw the two shapes that were removed from this pattern.



POLYGONS & QUADRILATERALS



BRAIN REFRESHER!

Polygon:

A closed 2D shape that has at least 3 sides. All of the sides are straight.

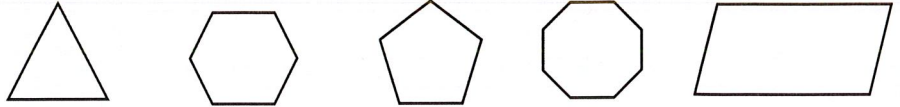
Quadrilateral:

A 4 sided polygon.

Parallelogram:

A quadrilateral with two pairs of parallel sides.

1. Draw a line to match each polygon to its correct name.



Octagon Hexagon Triangle Quadrilateral Pentagon

2. Draw an example of a parallelogram.

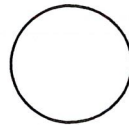
3. Which quadrilateral has only one pair of parallel sides?

- A. Trapezoid
- B. Rectangle
- C. Rhombus
- D. Square

4. The name of a 7-sided polygon is a heptagon.

TRUE
FALSE

5. Is this shape a polygon?

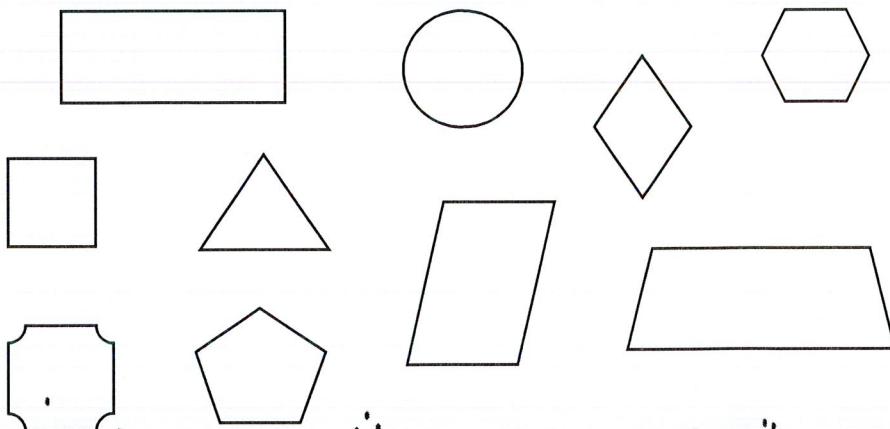


YES OR NO



6. Color all of the shapes that are quadrilaterals.

BONUS: Write the name of each quadrilateral inside the shape!

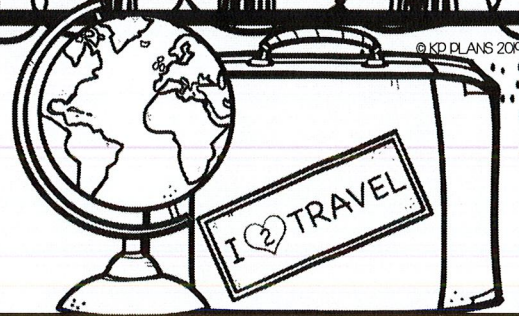


7. Mike drew a flat shape that has the attributes below.

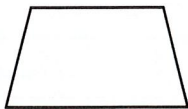
- 4 right angles
- 4 sides
- 2 parallel sides
- All sides are equal

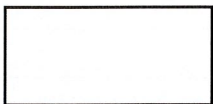
Draw and write the name of the shape Mike drew.

SIZZLING SUMMER SPIRAL

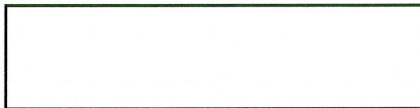
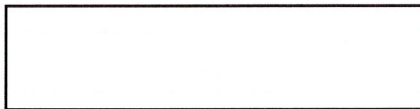


1. What are the names of the two quadrilaterals below?

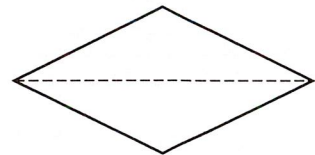




2. Partition each shape into halves two different ways.

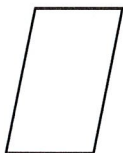
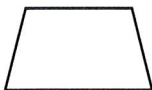


3. Tom cut this rhombus along the dotted line. What polygons did he create?



4. Which set of figures shows only hexagons?

A.



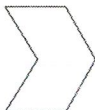
B.



C.

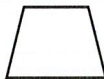
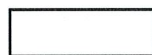


D.

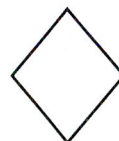
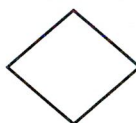


5. Draw an example of a right angle.

6. Circle the shape that is NOT a polygon.



7. Are the two shapes below congruent?

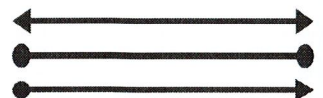


YES

NO

8. Erin drew two rays and a line segment. Which set below shows the lines Erin drew?

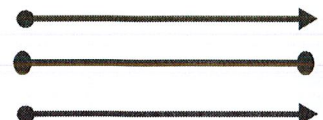
A.



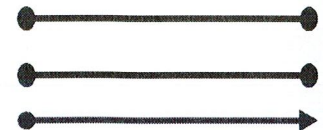
B.



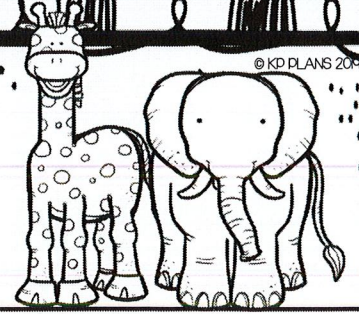
C.



D.

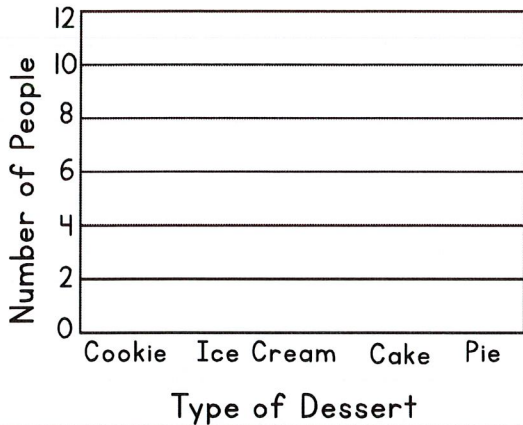


SIZZLING SUMMER SPIRAL



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Favorite Dessert

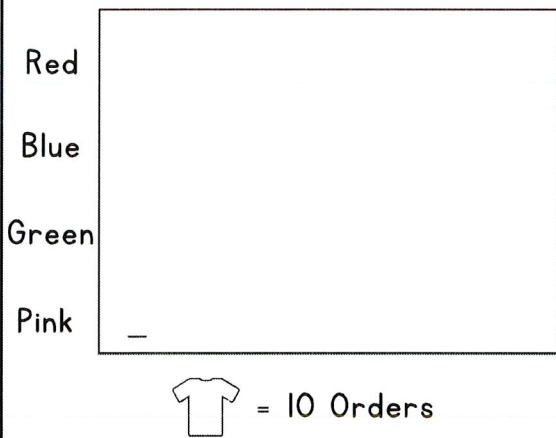


1. The bakery is taking a poll on their customers favorite desserts. 8 people chose cookies, 11 people chose ice cream, 3 people chose cake, and 10 people chose pie. Create a bar graph to show the data from the poll.

2. Based on the results, what is the favorite dessert?

3. How many people chose ice cream or pie?

School T-Shirt Orders

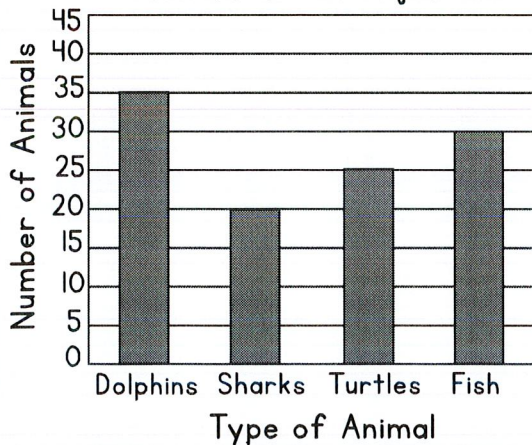


4. Oakwood Elementary is selling T-Shirts for their school pride day. 35 students ordered red t-shirts, 50 ordered blue, 25 ordered green, and 20 ordered pink. Create a pictograph to show the t-shirts ordered.

5. How many more blue shirts were ordered than red shirts?

6. How many total shirts were ordered?

Animals at the Aquarium



7. Which chart shows the correct data shown in the bar graph?

A.

B.

C.

Animal	# of Animals
Dolphins	35
Sharks	20
Turtles	30
Fish	35

Animal	# of Animals
Dolphins	35
Sharks	20
Turtles	25
Fish	30

Animal	# of Animals
Dolphins	35
Sharks	15
Turtles	25
Fish	30