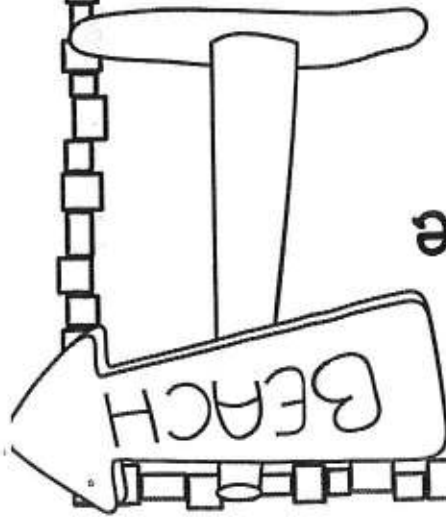


Grade 4



Summer Math 2024

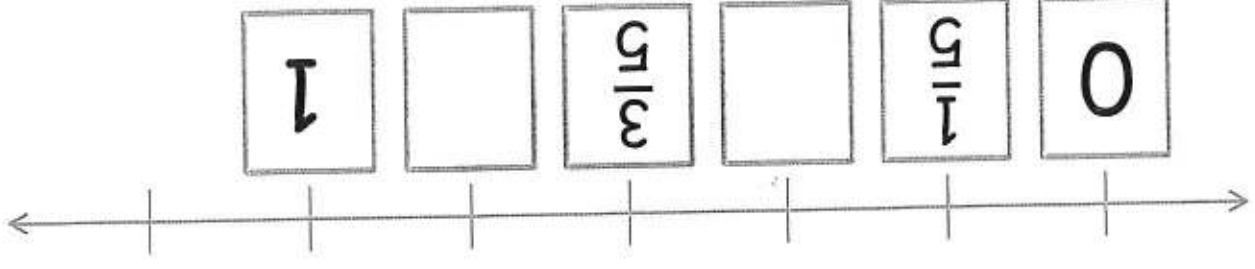
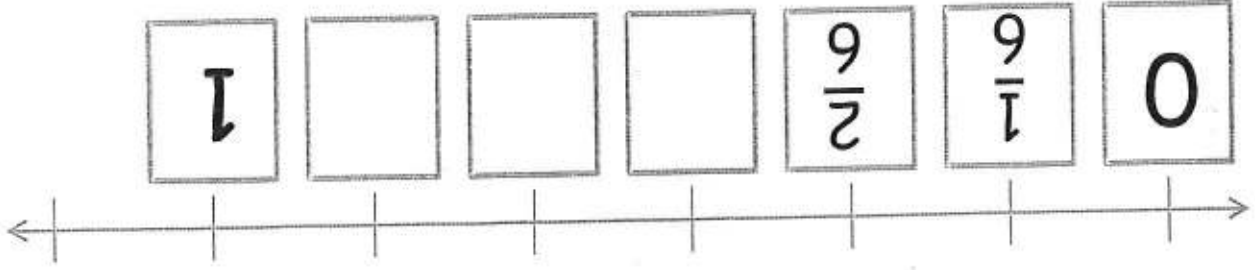
Name: _____



Fractions on a Number Line

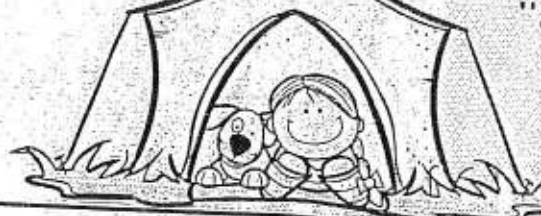
Directions: Write the missing fractions on the number line.

Name: _____



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?



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

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?



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

ADDITION

(3-DIGIT)

1 $342 + 467 =$

2 $223 + 598 =$

3 $679 + 268 =$

4 $387 + 387 =$

5 $299 + 553 =$

6 $428 + 94 =$

7 $136 + 815 =$

8 $545 + 427 =$

9. Find the sum using the number line.

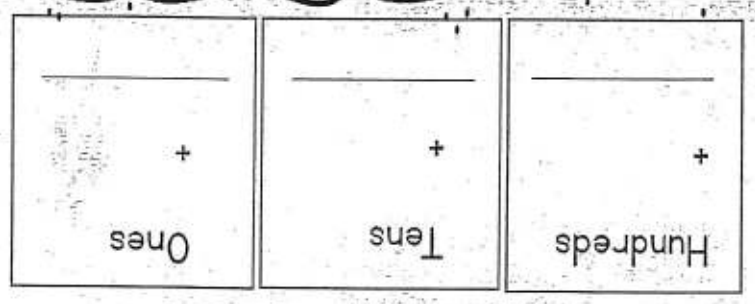
$682 + 319 =$

Orange Fire Campsite Activities

Fishing	893
Hiking	672
Canoeing	569

10. How many people canoed or fished?

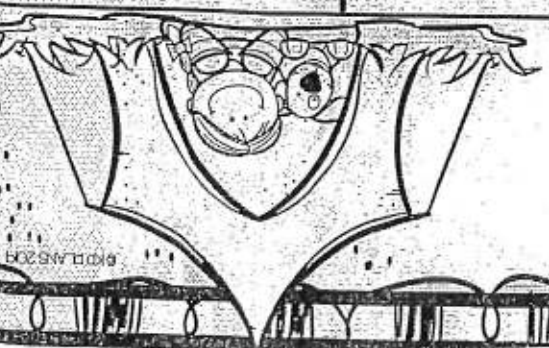
11. Find the sum by breaking apart the addends by their place value.



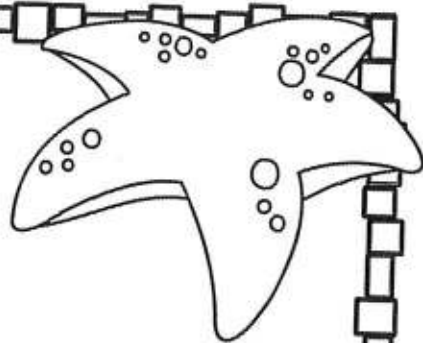
$428 + 457 =$

$839 + 246 =$

12. Estimate and solve the addition problem below.



Name: _____



4-Digit Subtraction

$$\begin{array}{r} 6,714 \\ -3,326 \\ \hline \end{array}$$

$$\begin{array}{r} 4,241 \\ -1,489 \\ \hline \end{array}$$

$$\begin{array}{r} 8,264 \\ -5,008 \\ \hline \end{array}$$

$$\begin{array}{r} 5,328 \\ -2,733 \\ \hline \end{array}$$

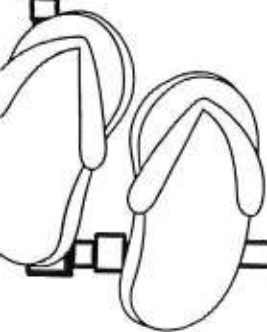
$$\begin{array}{r} 9,355 \\ -4,829 \\ \hline \end{array}$$

$$\begin{array}{r} 7,902 \\ -6,375 \\ \hline \end{array}$$

$$\begin{array}{r} 8,416 \\ -8,057 \\ \hline \end{array}$$

$$\begin{array}{r} 3,881 \\ -1,882 \\ \hline \end{array}$$

$$\begin{array}{r} 2,000 \\ -1,631 \\ \hline \end{array}$$



4,050 4,005 5,405 5,040

2,070 1,663 5,611 9,415

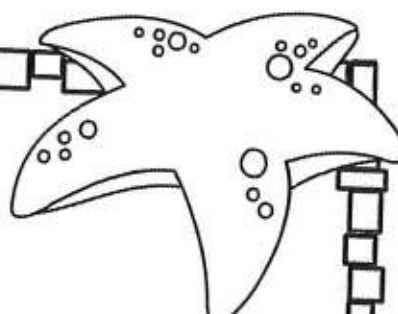
3,899 6,003 3,998 8,447

5,291 7,295 4,628 5,052

Directions: Write the numbers in order from
least to greatest.

Ordering Numbers

Name: _____

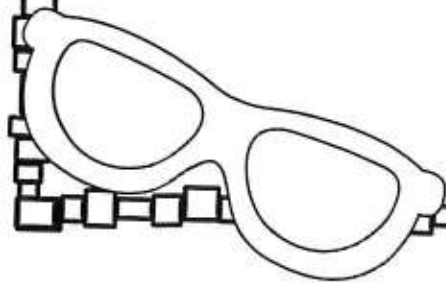


Name: _____

2 Step Word Problems

Amar bought a new hat for \$19 and a game for \$16. How much did the items cost? Amar had two \$20 bills. How much change did he receive?

My mom bought 5 pizzas. They cost \$9 each. She had \$50. How much change did she receive?



Directions: Multiply the length by width to find the area.

Finding the Area

Name: _____

The area is: _____



11 mm

7 mm

The area is: _____



8 cm

20 cm

The area is: _____



10 cm

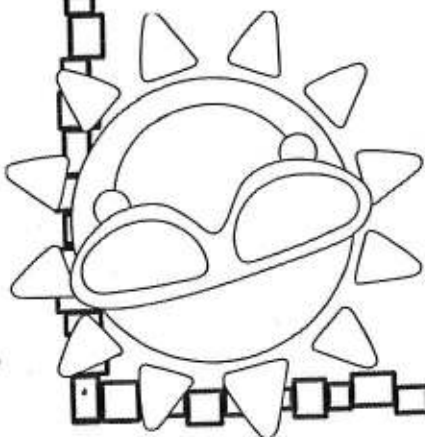
12 cm

The area is: _____



16 m

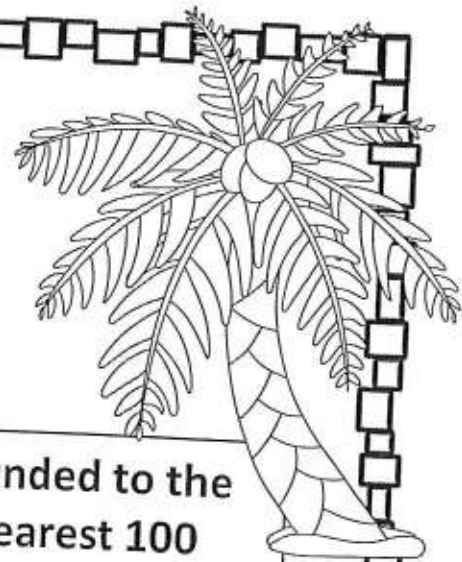
3 m



Name: _____

Rounding Numbers

Directions: Round each number to the nearest 10 and then the nearest 100.



	rounded to the nearest 10	rounded to the nearest 100
317		
723		
655		
208		
939		
146		
572		
864		
481		

MULTIPLICATION & DIVISION

(WORD PROBLEMS)

COMPUTATION

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



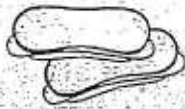
3. The Fallston family made 2 pitchers of hot chocolate. Each pitcher serves 6 cups of hot chocolate. If there are 4 people in the family, how many cups will each person get?



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



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?



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?



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

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

8. Billy spent \$24.00 on a sleeping bag.

How many days did he rent the sleeping bag?

Name: _____

Solve each division problem.
Answer the riddle.



How do you catch a whole school of fish?

To find the answer to the riddle, write each letter on the matching quotient below.

1 $42 \div 7 =$ _____ i	2 $63 \div 9 =$ _____ w	3 $32 \div 4 =$ _____ k
4 $40 \div 8 =$ _____ s	5 $45 \div 5 =$ _____ r	6 $24 \div 6 =$ _____ o
7 $27 \div 9 =$ _____ m	8 $18 \div 9 =$ _____ b	9 $6 \div 6 =$ _____ t
10 $100 \div 10 =$ _____ h		



7 6 1 10

2 4 4 8

7 4 9 3 5

Name: _____

Multiplication & Division

Solving word problems.

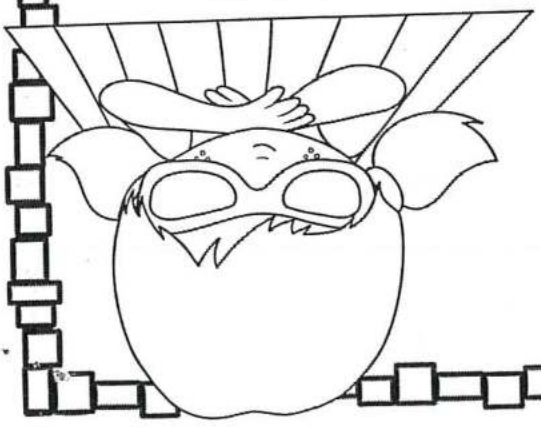
Each package of water bottles has four rows. There are six bottles in each row. How many water bottles are in a package? Write a number sentence and draw a picture to show your thinking.

If there are eight packages of water bottles in a crate, what is the total of all the water bottles.

$12 \times \square = 72$
 $10 \times \square = 70$
 $11 \times \square = 99$
 $6 \times \square = 54$
 $2 \times \square = 20$
 $8 \times \square = 64$
 $4 \times \square = 36$
 $7 \times \square = 49$
 $9 \times \square = 45$
 $3 \times \square = 24$
 $5 \times \square = 15$

$\square = 72 \div 12$
 $\square = 70 \div 10$
 $\square = 99 \div 11$
 $\square = 54 \div 6$
 $\square = 20 \div 2$
 $\square = 64 \div 8$
 $\square = 36 \div 4$
 $\square = 49 \div 7$
 $\square = 45 \div 9$
 $\square = 24 \div 3$
 $\square = 15 \div 5$

Complete the number sentences.
Name: _____



NAME: _____

DATE: _____

#: _____

BLANK MULTIPLICATION TABLES 1-12

$\times 0 =$	$2 \times 0 =$	$3 \times 0 =$	$4 \times 0 =$
$\times 1 =$	$2 \times 1 =$	$3 \times 1 =$	$4 \times 1 =$
$\times 2 =$	$2 \times 2 =$	$3 \times 2 =$	$4 \times 2 =$
$\times 3 =$	$2 \times 3 =$	$3 \times 3 =$	$4 \times 3 =$
$\times 4 =$	$2 \times 4 =$	$3 \times 4 =$	$4 \times 4 =$
$\times 5 =$	$2 \times 5 =$	$3 \times 5 =$	$4 \times 5 =$
$\times 6 =$	$2 \times 6 =$	$3 \times 6 =$	$4 \times 6 =$
$\times 7 =$	$2 \times 7 =$	$3 \times 7 =$	$4 \times 7 =$
$\times 8 =$	$2 \times 8 =$	$3 \times 8 =$	$4 \times 8 =$
$\times 9 =$	$2 \times 9 =$	$3 \times 9 =$	$4 \times 9 =$
$\times 10 =$	$2 \times 10 =$	$3 \times 10 =$	$4 \times 10 =$
$\times 11 =$	$2 \times 11 =$	$3 \times 11 =$	$4 \times 11 =$
$\times 12 =$	$2 \times 12 =$	$3 \times 12 =$	$4 \times 12 =$

$\times 0 =$	$6 \times 0 =$	$7 \times 0 =$	$8 \times 0 =$
$\times 1 =$	$6 \times 1 =$	$7 \times 1 =$	$8 \times 1 =$
$\times 2 =$	$6 \times 2 =$	$7 \times 2 =$	$8 \times 2 =$
$\times 3 =$	$6 \times 3 =$	$7 \times 3 =$	$8 \times 3 =$
$\times 4 =$	$6 \times 4 =$	$7 \times 4 =$	$8 \times 4 =$
$\times 5 =$	$6 \times 5 =$	$7 \times 5 =$	$8 \times 5 =$
$\times 6 =$	$6 \times 6 =$	$7 \times 6 =$	$8 \times 6 =$
$\times 7 =$	$6 \times 7 =$	$7 \times 7 =$	$8 \times 7 =$
$\times 8 =$	$6 \times 8 =$	$7 \times 8 =$	$8 \times 8 =$
$\times 9 =$	$6 \times 9 =$	$7 \times 9 =$	$8 \times 9 =$
$\times 10 =$	$6 \times 10 =$	$7 \times 10 =$	$8 \times 10 =$
$\times 11 =$	$6 \times 11 =$	$7 \times 11 =$	$8 \times 11 =$
$\times 12 =$	$6 \times 12 =$	$7 \times 12 =$	$8 \times 12 =$

$\times 0 =$	$10 \times 0 =$	$11 \times 0 =$	$12 \times 0 =$
$\times 1 =$	$10 \times 1 =$	$11 \times 1 =$	$12 \times 1 =$
$\times 2 =$	$10 \times 2 =$	$11 \times 2 =$	$12 \times 2 =$
$\times 3 =$	$10 \times 3 =$	$11 \times 3 =$	$12 \times 3 =$
$\times 4 =$	$10 \times 4 =$	$11 \times 4 =$	$12 \times 4 =$
$\times 5 =$	$10 \times 5 =$	$11 \times 5 =$	$12 \times 5 =$
$\times 6 =$	$10 \times 6 =$	$11 \times 6 =$	$12 \times 6 =$
$\times 7 =$	$10 \times 7 =$	$11 \times 7 =$	$12 \times 7 =$
$\times 8 =$	$10 \times 8 =$	$11 \times 8 =$	$12 \times 8 =$
$\times 9 =$	$10 \times 9 =$	$11 \times 9 =$	$12 \times 9 =$
$\times 10 =$	$10 \times 10 =$	$11 \times 10 =$	$12 \times 10 =$
$\times 11 =$	$10 \times 11 =$	$11 \times 11 =$	$12 \times 11 =$
$\times 12 =$	$10 \times 12 =$	$11 \times 12 =$	$12 \times 12 =$

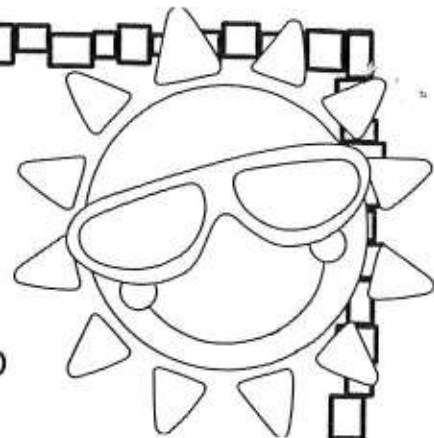
NAME: _____

DATE: _____

#: _____

BLANK DIVISION TABLES 1-12

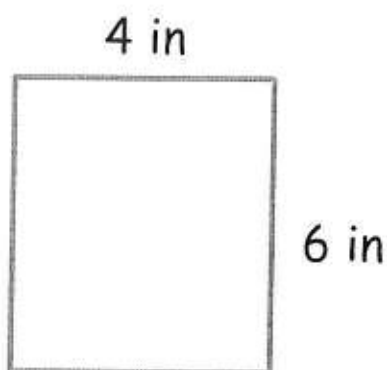
$0 \div 1 =$ $1 \div 1 =$ $2 \div 1 =$ $3 \div 1 =$ $4 \div 1 =$ $5 \div 1 =$ $6 \div 1 =$ $7 \div 1 =$ $8 \div 1 =$ $9 \div 1 =$ $10 \div 1 =$ $11 \div 1 =$ $12 \div 1 =$	$0 \div 2 =$ $2 \div 2 =$ $4 \div 2 =$ $6 \div 2 =$ $8 \div 2 =$ $10 \div 2 =$ $12 \div 2 =$ $14 \div 2 =$ $16 \div 2 =$ $18 \div 2 =$ $20 \div 2 =$ $22 \div 2 =$ $24 \div 2 =$	$0 \div 3 =$ $3 \div 3 =$ $6 \div 3 =$ $9 \div 3 =$ $12 \div 3 =$ $15 \div 3 =$ $18 \div 3 =$ $21 \div 3 =$ $24 \div 3 =$ $27 \div 3 =$ $30 \div 3 =$ $33 \div 3 =$ $36 \div 3 =$	$0 \div 4 =$ $4 \div 4 =$ $8 \div 4 =$ $12 \div 4 =$ $16 \div 4 =$ $20 \div 4 =$ $24 \div 4 =$ $28 \div 4 =$ $32 \div 4 =$ $36 \div 4 =$ $40 \div 4 =$ $44 \div 4 =$ $48 \div 4 =$	$0 \div 5 =$ $5 \div 5 =$ $10 \div 5 =$ $15 \div 5 =$ $20 \div 5 =$ $25 \div 5 =$ $30 \div 5 =$ $35 \div 5 =$ $40 \div 5 =$ $45 \div 5 =$ $50 \div 5 =$ $55 \div 5 =$ $60 \div 5 =$	$0 \div 6 =$ $6 \div 6 =$ $12 \div 6 =$ $18 \div 6 =$ $24 \div 6 =$ $30 \div 6 =$ $36 \div 6 =$ $42 \div 6 =$ $48 \div 6 =$ $54 \div 6 =$ $60 \div 6 =$ $66 \div 6 =$ $72 \div 6 =$	$0 \div 7 =$ $7 \div 7 =$ $14 \div 7 =$ $21 \div 7 =$ $28 \div 7 =$ $35 \div 7 =$ $42 \div 7 =$ $49 \div 7 =$ $56 \div 7 =$ $63 \div 7 =$ $70 \div 7 =$ $77 \div 7 =$ $84 \div 7 =$	$0 \div 8 =$ $8 \div 8 =$ $16 \div 8 =$ $24 \div 8 =$ $32 \div 8 =$ $40 \div 8 =$ $48 \div 8 =$ $56 \div 8 =$ $64 \div 8 =$ $72 \div 8 =$ $80 \div 8 =$ $88 \div 8 =$ $96 \div 8 =$	$0 \div 9 =$ $9 \div 9 =$ $18 \div 9 =$ $27 \div 9 =$ $36 \div 9 =$ $45 \div 9 =$ $54 \div 9 =$ $63 \div 9 =$ $72 \div 9 =$ $81 \div 9 =$ $90 \div 9 =$ $99 \div 9 =$ $108 \div 9 =$	$0 \div 10 =$ $10 \div 10 =$ $20 \div 10 =$ $30 \div 10 =$ $40 \div 10 =$ $50 \div 10 =$ $60 \div 10 =$ $70 \div 10 =$ $80 \div 10 =$ $90 \div 10 =$ $100 \div 10 =$ $110 \div 10 =$ $120 \div 10 =$	$0 \div 11 =$ $11 \div 11 =$ $22 \div 11 =$ $33 \div 11 =$ $44 \div 11 =$ $55 \div 11 =$ $66 \div 11 =$ $77 \div 11 =$ $88 \div 11 =$ $99 \div 11 =$ $110 \div 11 =$ $121 \div 11 =$ $132 \div 11 =$	$0 \div 12 =$ $12 \div 12 =$ $24 \div 12 =$ $36 \div 12 =$ $48 \div 12 =$ $60 \div 12 =$ $72 \div 12 =$ $84 \div 12 =$ $96 \div 12 =$ $108 \div 12 =$ $120 \div 12 =$ $132 \div 12 =$ $144 \div 12 =$
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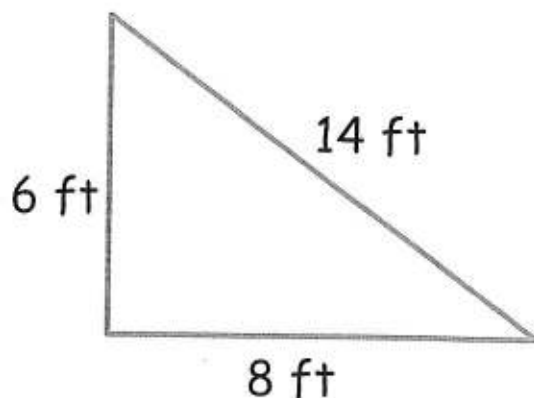
Name: _____

Finding the perimeter.

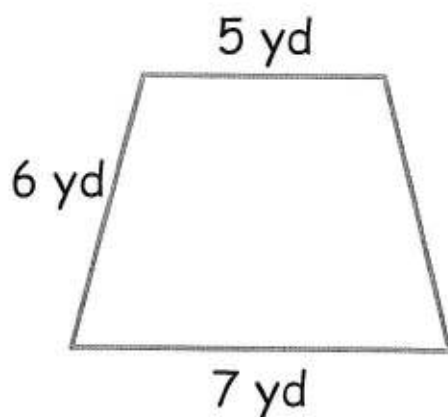
Directions: Add the length of the sides to find the perimeter of each shape.



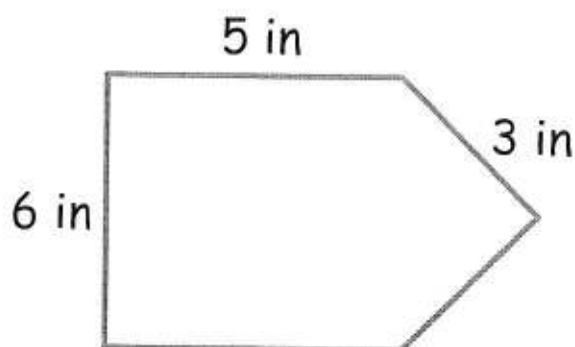
The perimeter is:



The perimeter is:



The perimeter is:

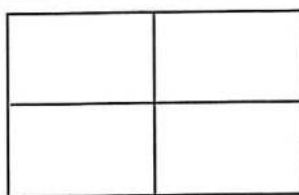
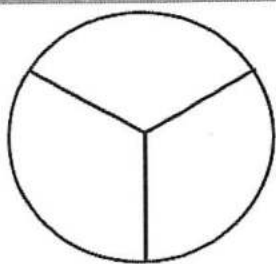
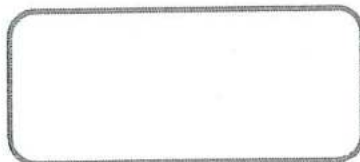
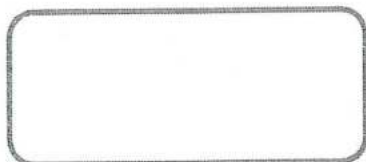
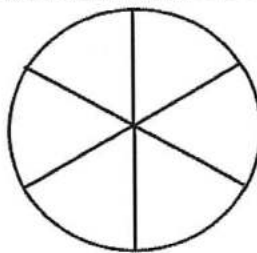
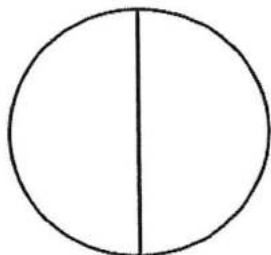
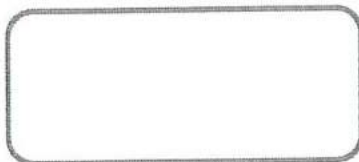
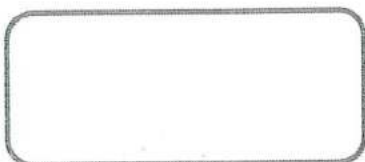
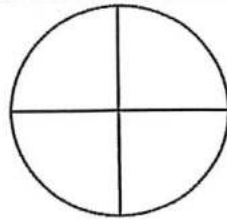
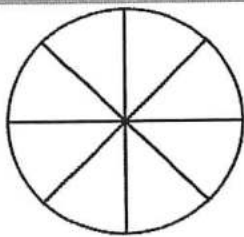
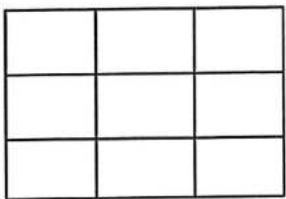
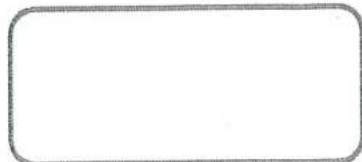
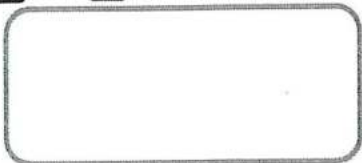
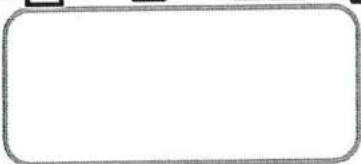
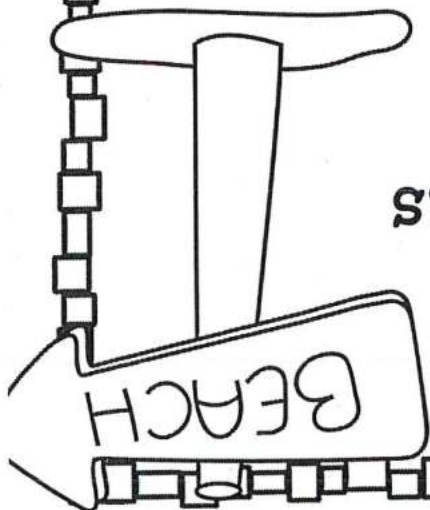


The perimeter is:

Dividing Shapes into Equal Parts

Directions: Name how the equal parts are divided. (halves, thirds, fourths, fifths, sixths, eighths, ninths)

Name: _____



COMPARING FRACTIONS



1. Compare the fractions below.

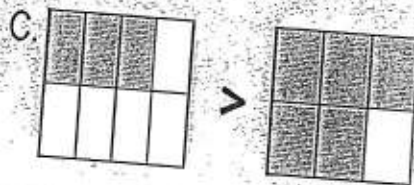
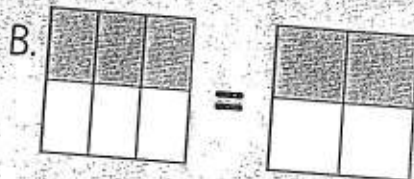
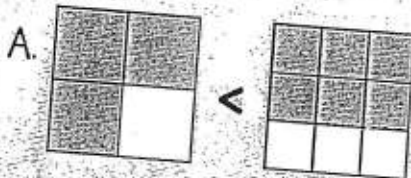
$$\frac{3}{5} \quad \text{fish} \quad \frac{3}{9}$$

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

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

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

2. Which statement below is true?



4. Compare the fractions below.

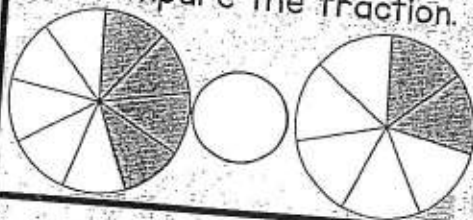
$$\frac{4}{8} \quad \text{fish} \quad \frac{1}{8}$$

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

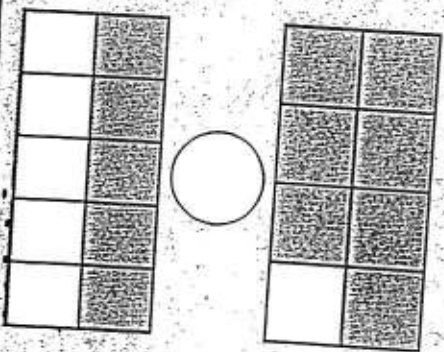
$$\frac{5}{9} \quad \text{fish} \quad \frac{5}{9}$$

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

3. Compare the fraction.

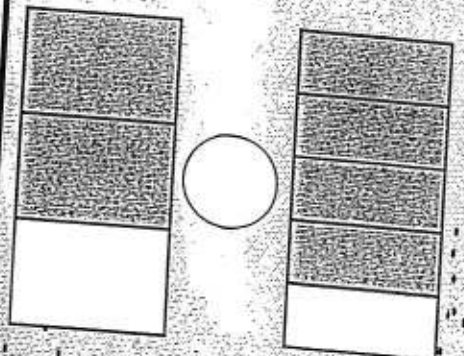


5. Compare the fractions below.



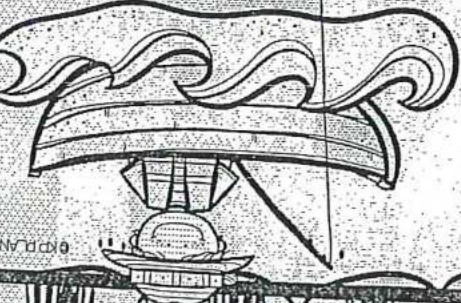
6. Margot and Billy were eating a batch of cookies. Margot ate $\frac{3}{12}$ of the cookies and Billy ate $\frac{6}{12}$. Who ate more cookies?

7. Compare the fractions below.



FRACTION MODELS

FRACTIONS



1. Shade in the fraction to show $\frac{6}{5}$

2. Shade in the fraction to show $\frac{4}{7}$

3. Circle the fraction that DOES NOT show $\frac{2}{4}$

4. Shade in the fraction to show $\frac{3}{4}$

5. Shade in the fraction to show $\frac{1}{2}$

6. Which fraction model below shows $\frac{10}{5}$?

A. A

B. B

C. C

7. What fraction of the shape is shaded?

8. What fraction of the shape is shaded?

10. What fraction of the fish is shaded?

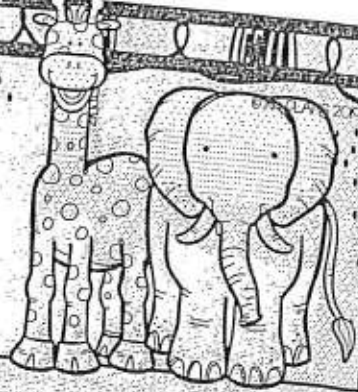
11. Create a fractional set to show $\frac{3}{8}$ hearts and $\frac{5}{8}$ stars.

9. Draw a line to match each fraction.

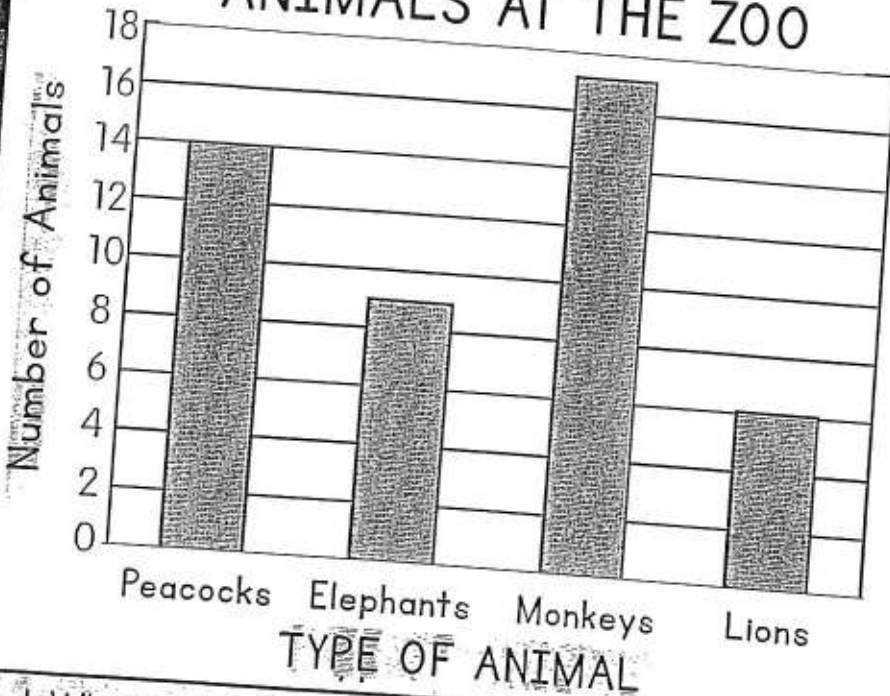
$\frac{4}{2}$ $\frac{5}{5}$ $\frac{5}{4}$ $\frac{4}{2}$

12. What fraction of the set is bait?

BAR GRAPHS



ANIMALS AT THE ZOO



3. How many peacocks are at the zoo?



4. How many more monkeys are there than lions?



1. What is this graph counting by?

2. How many total animals are at the zoo?

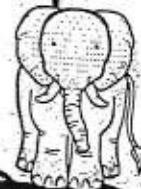
5. How many elephants AND peacocks are at the zoo?



6. The zoo has the smallest amount of what animal?

7. The zoo has the most of what animal?

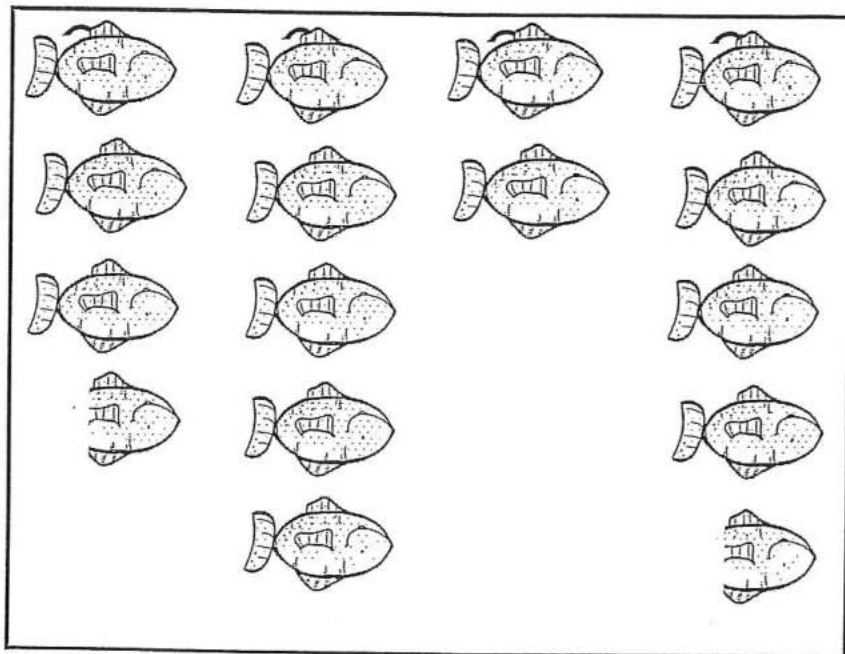
8. How many more elephants are there than lions?




PICTOGRAPHS

GRAPHS

AMOUNT OF FISH EATEN AT LUNCH



 = 10 Fish

1. How many total fish does the zoo need for lunchtime?

6. How many more fish do the walrus eat compared to the penguins?

7. How many more fish do the dolphins eat compared to the seals?

8. How many fish do both the walrus and dolphins eat combined?

5. How many fish do the walrus eat for lunch?

4. How many fish do the dolphins eat for lunch?

3. How many fish do the penguins eat for lunch?

2. How many fish do the seals eat for lunch?

