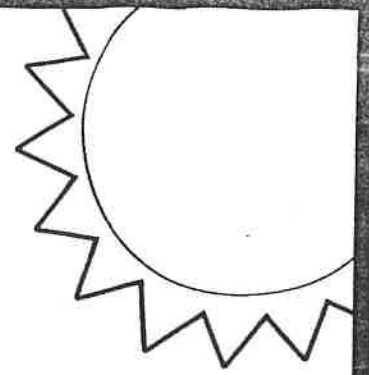


THIRD GRADE



MATH SUMMER REVIEW

This packet belongs to:



Name _____ Date _____

Rounding Numbers

1.

Round the following number to the nearest 10.

467

2.

Round the following number to the nearest 10.

834

3.

Round the following number to the nearest 100.

652

4.

Round the following number to the nearest 10.

242

5.

Round the following number to the nearest 100.

799

6. Place 360 on the number line below.



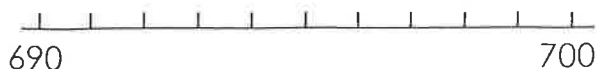
Is 360 closer to 300 or 400? _____

7. Place 880 on the number line below.



Is 880 closer to 800 or 900? _____

8. Place 694 on the number line below.



Is 694 closer to 690 or 700? _____

9. Place 258 on the number line below.



Is 258 closer to 250 or 260? _____

10. A three-digit number has the digits 2, 5, and 7. When rounded to the nearest hundred, it rounds to 800. What is the number? _____

Name _____ Date _____



Add & Subtract

WHOLE NUMBERS

1. Find the sum.

$$\begin{array}{r} 72 \\ + 29 \\ \hline \end{array}$$

2. Find the difference.

$$\begin{array}{r} 62 \\ - 38 \\ \hline \end{array}$$

3. Find the missing number.

$$\begin{array}{r} 57 \\ + \quad \\ \hline 82 \end{array}$$

4. Find the sum.

$$\begin{array}{r} 136 \\ + 173 \\ \hline \end{array}$$

5. Find the difference.

$$\begin{array}{r} 347 \\ - 262 \\ \hline \end{array}$$

6. Find the missing number.

$$\begin{array}{r} 423 \\ + \quad \\ \hline 705 \end{array}$$

7. Jesse scored 486 points on a video game. April scored 182 points. How many more points did Jesse score than April?

8. Mrs. Miller drove 278 miles on Monday and 342 miles on Tuesday. Write and solve a number sentence to find how far she drove in all.

9. Lanie has 225 pennies, 105 nickels, and 25 dimes. How many coins does she have in all?

10. The table shows items purchased for a summer pool party. Which number sentence can be used to find how many more bottles of water than popsicles were purchased?

- A. $36 - 12 = \underline{\quad}$ C. $36 - 24 = \underline{\quad}$
 B. $36 + 12 = \underline{\quad}$ D. $36 + 24 = \underline{\quad}$

Item	Number Purchased
Bottled Water	36
Popsicles	24
Pool Toys	12

Name _____ Date _____

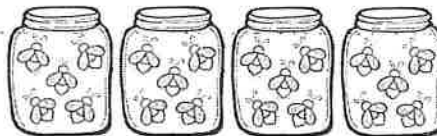
Equal Groups

Multiplication

1. Becca collected 6 boxes of seashells. She put 7 seashells in each box. Which of these shows how many seashells Becca has collected?

A. 6×7
 B. $6 + 7$
 C. $6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6$
 D. $7 \times 7 \times 7 \times 7 \times 7 \times 7$

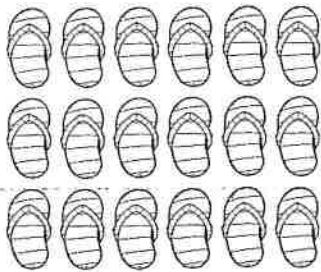
2. Which equation below is represented in the picture?



A. 20×4
 B. 10×2
 C. $5 \times 5 \times 5 \times 5$
 D. 4×5

3. Liz has 4 boxes of crayons. Each box contains 8 crayons. Write an equation Liz could use to show the total number of crayons she has all together?
- _____

4. Which expression is represented by this array?



5. Dan has 8 pages of baseball cards. There are 8 cards on each page. How many cards does Dan have in all? Write a number sentence to solve the problem.
- _____

6. Allysya makes 3 bracelets. Each bracelet has 9 beads. She uses 3×9 to find the total number of beads. Her friend puts one more bead on each bracelet Allysya makes. What new multiplication fact can be used to find the total number of beads they used?
- _____

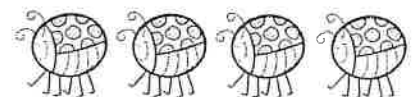
7. Mrs. Smith baked 3 batches of cookies. Each batch had 12 cookies. Which expression shows how many cookies Mrs. Smith baked?

A. $12 + 3$
 B. $12 - 3$
 C. 12×3
 D. $3 + 3 + 3$

8. Draw an array to match the word problem below.

Holly has 3 boxes of popsicles. Each box has 5 popsicles in it. How many popsicles does Holly have all together?

9. Which is another way to find the total number of ladybug legs?

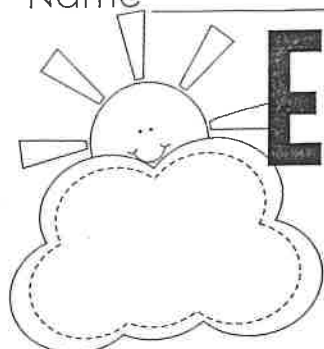


$$6 + 6 + 6 + 6$$

A. $4 + 6$
 B. 4×6
 C. $6 - 4$
 D. $4 + 4 + 4 + 4 + 4 + 4$

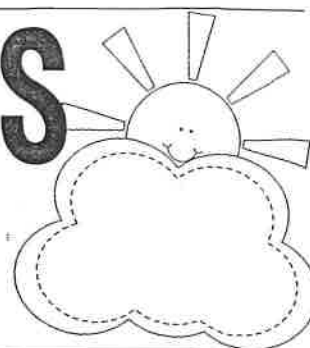
Name _____

Date _____

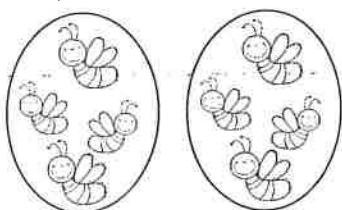


EQUAL GROUPS

Division



1. Which equation is shown by the picture?



- A. $8 \div 2 = 4$
 B. $8 \div 4 = 2$
 C. $4 \div 2 = 2$
 D. $4 \div 4 = 1$

2. Mr. Richards has \$15 to divide equally between his 3 children. Which equation could Mr. Richards use to find out how much money each of his children should receive?

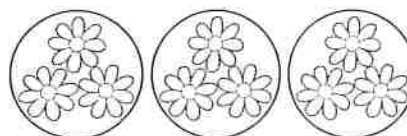
- A. $15 + 3 = 18$
 B. $15 - 3 = 12$
 C. $15 \div 3 = 5$
 D. $15 \times 3 = 45$

3. Amanda has a bag of 32 popsicles to give out at her pool party. There are 7 girls at her party. If she divides the popsicles between all the girls, including herself, how many popsicles will each girl get?
- _____

4. Addison read 45 books over the summer. She sorts her books into 5 equal groups. How many books does she put in each group?
- _____

5. Dan buys 6 packs of gum with 5 pieces in each pack. He shares the gum evenly among himself and 5 friends. Write an equation to show how many pieces of gum each person receives?
- _____

6. Julie drew the picture below to match an equation. Which equation matches Julie's picture?



- A. $3 \times 3 = 9$
 B. $9 \div 3 = 3$
 C. $9 - 3 = 6$
 D. $27 \div 3 = 9$

7. Leah bought 54 strawberries. She put the same number of strawberries into 9 baskets. Write an equation to show how many strawberries she put in each basket.
- _____

8. Nick has collected 60 rocks. He puts an equal number of rocks into 5 boxes. How does Nick find the number of rocks in each box?

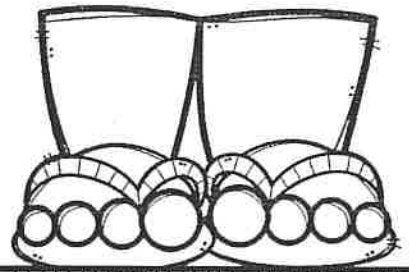
- A. He multiplies 5 times 60
 B. He subtracts 5 from 60
 C. He adds 60 to 5
 D. He divides 60 by 5

9. Abby makes 12 cupcakes for 6 friends. She wants to know how many cupcakes each friend will get. Which expression will help Abby find the number of cupcakes each friend will get?

- A. $12 \div 6 = 2$
 B. $12 \times 2 = 6$
 C. $18 \div 6 = 3$
 D. $12 \times 6 = 72$

Name _____ Date _____

Two-step WORD PROBLEMS



1. Callie had 13 new pens. She gave 2 pens to each of her 6 friends. How many pens did she have left? _____

A. 1 pen
B. 11 pens
C. 12 pens
D. 21 pens

2. Wes and Joey each have 7 baseball cards. Ben has 5 fewer cards than Wes and Joey combined. How many baseball cards does Ben have?

A. 2 baseball cards
B. 5 baseball cards
C. 9 baseball cards
D. 10 baseball cards

3. Kylie had a pack of 48 crayons. She lost 8 of the crayons at school and her sister broke 4 of them. How many crayons does Kylie have now?

A. 60 crayons
B. 52 crayons
C. 36 crayons
D. 12 crayons

4. Mark got \$10, \$20, \$15, and \$5 as birthday gifts. He wants to buy a game that costs \$55. How much more money does he need?

A. \$4
B. \$5
C. \$6
D. \$8

5. Pete caught 4 fish. Robbie caught 3 times as many fish as Pete. Nick caught 27 fish. How many more fish does Nick have than Robbie?

A. 24 more fish
B. 15 more fish
C. 8 more fish
D. 7 more fish

6. Kat has 3 piles of rocks with 7 rocks in each pile. Her friend adds more rocks to the piles. Now, there are 32 rocks total. How many rocks did her friend bring?

A. 11 rocks
B. 12 rocks
C. 21 rocks
D. 22 rocks

7. A farmer fills 4 cartons with eggs. Each carton holds 6 eggs. After the farmer fills the cartons, he has 3 eggs left over. How many total eggs does the farmer have?

A. 27 eggs
B. 24 eggs
C. 21 eggs
D. 20 eggs

8. Taylor spent 90 minutes at the beach. She ate lunch for 27 minutes and played a game for 32 minutes. She spent the rest of the time swimming. About how long did Taylor spend swimming?

A. 18 min. C. 49 min.
B. 30 min. D. 59 min.

9. Andrea wants to save 900 Box Tops. She saved 135 in one month. She saved 83 the next month. About how many more Box Tops does Andrea need to save?

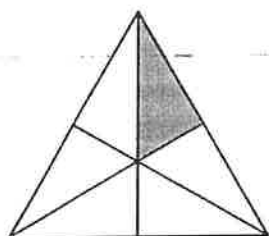
A. fewer than 300
B. between 300 and 600
C. between 600 and 800
D. more than 800

Name _____ Date _____

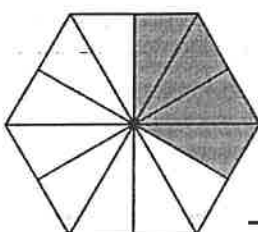
Fraction Models



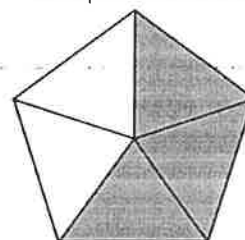
1. What fraction of the shape is shaded? _____



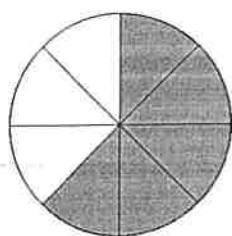
2. What fraction of the shape is shaded? _____



3. What fraction of the shape is shaded? _____

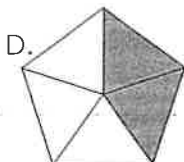
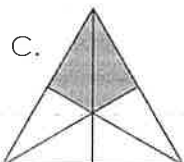
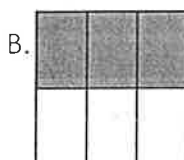
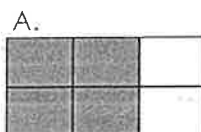


4. Amy's family had pizza for dinner. The shaded parts below show how much was eaten. Which fraction shows how much pizza was left?



- A. $\frac{3}{6}$ C. $\frac{5}{5}$
B. $\frac{3}{8}$ D. $\frac{5}{8}$

5. Which fraction model shows $\frac{2}{6}$ shaded?



6. The circle below shows one whole. Shade the circle to show $\frac{3}{4}$.

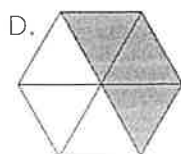
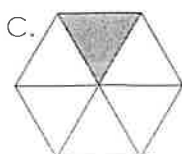
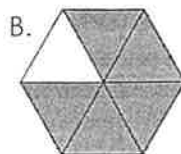
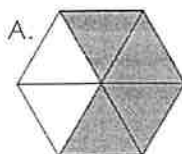


7. Wesley drew a model of a candy bar and shaded the amount he ate. What fraction of the candy bar did Wesley eat?

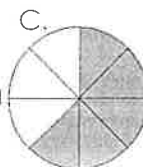
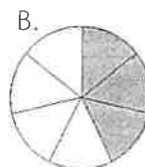
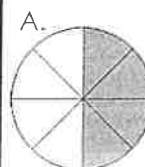


- A. $\frac{5}{2}$ B. $\frac{3}{5}$ C. $\frac{2}{6}$ D. $\frac{2}{5}$

8. Kasey drew a hexagon and shaded it $\frac{5}{6}$. Which shape could be hers?



9. Mrs. Smith cut an apple into 8 equal slices. She gave 3 of the slices to her son and 2 slices to her daughter. Which fraction model shows how many slices Mrs. Smith has left.

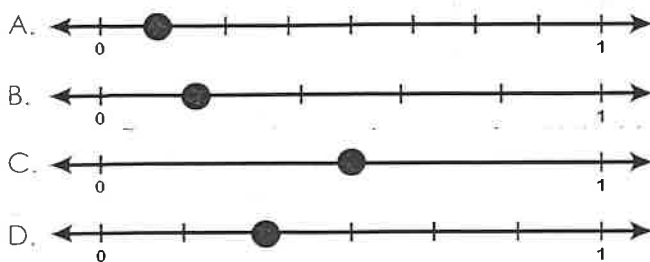


Name _____ Date _____

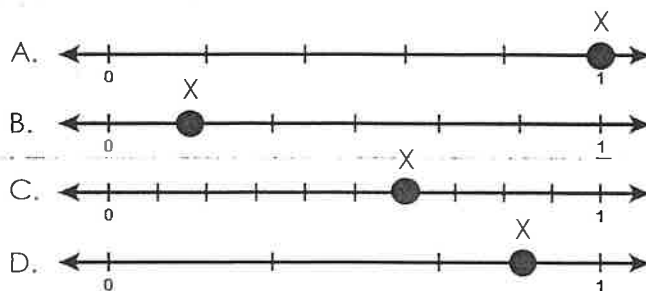
Fractions on a Number Line



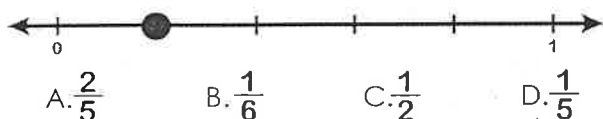
1. On which number line does the point best represent $\frac{1}{8}$?



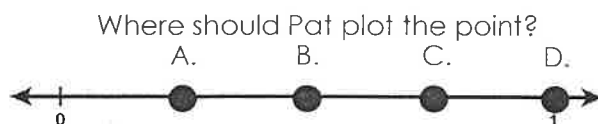
2. Which number line shows point X at $\frac{1}{6}$?



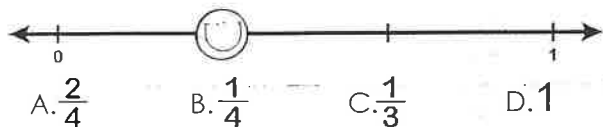
3. What is the value of point P on the number line below?



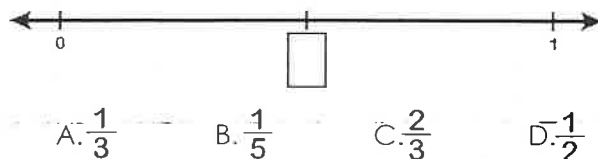
4. Pat is going to plot a point at $\frac{1}{4}$ on the number line below.



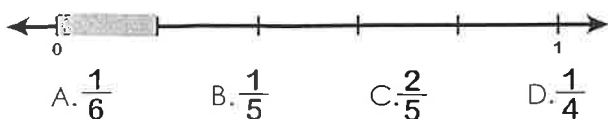
5. What is the fraction on which the smiley face is located?



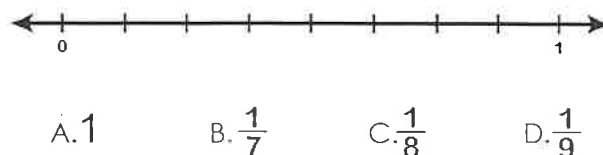
6. What fraction belongs in the box?



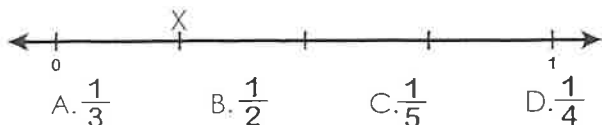
7. The number line below is divided into equal parts between 0 and 1. What fraction is shown by the shaded part of this number line?



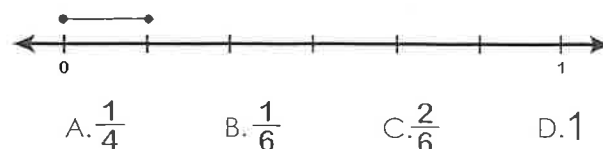
8. What is the interval between each point on the number line below?



9. Jake's race is divided into checkpoints on the number line below. How far through the race is Jake when he reaches checkpoint X?



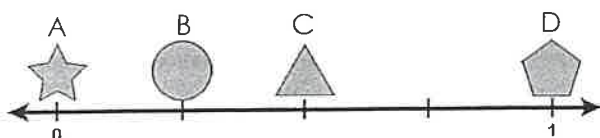
10. What is the length of the line segment below?



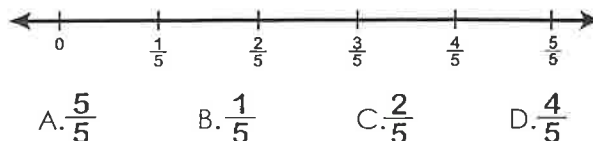
Name _____ Date _____

Equivalent Fractions

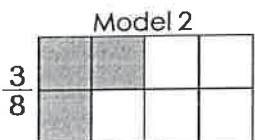
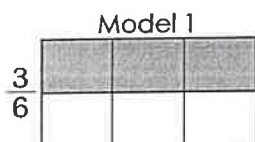
1. Which shape is at the fraction $\frac{4}{4}$ on the number line?



2. Which fraction on the number line is equal to one whole?



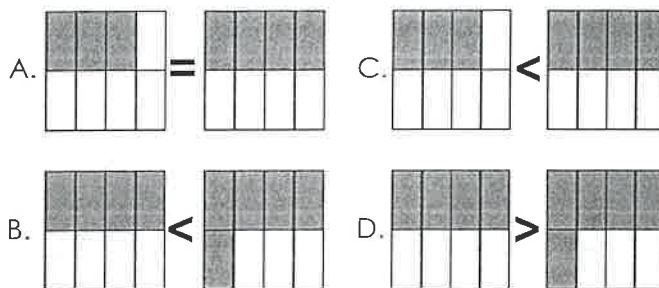
3. Model 1 and Model 2 are each divided into equal parts with 3 parts shaded on each model. Which statement correctly compares the two models?



- A. Model 1 is equal to model 2 because the numerators are the same.
 B. Model 1 is greater than model 2 because it has a larger denominator.
 C. Model 1 is less than model 2 because 3 parts out of 6 is less than 3 parts out of 8.
 D. Model 1 is greater than model 2 because 3 parts out of 6 is greater than 3 parts out of 8.

4. Which model correctly compares the two fractions below.

$$\frac{4}{8} \bigcirc \frac{5}{8}$$



5. A recipe for trail mix requires the following ingredients.

$\frac{1}{3}$ cup of peanuts

$\frac{2}{3}$ cup of sunflower seeds

$\frac{1}{2}$ cup of raisins

$\frac{2}{4}$ cup of almonds

Which two items did the recipe require the same amount of?

7. Which list includes equivalent fractions?

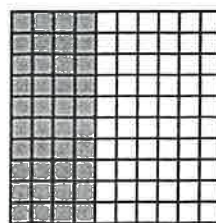
A. $\frac{1}{2}$ $\frac{3}{4}$ $\frac{5}{6}$

C. $\frac{1}{2}$ $\frac{2}{4}$ $\frac{3}{6}$

B. $\frac{1}{2}$ $\frac{2}{4}$ $\frac{4}{6}$

D. $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4}$

6. Four tenths of the model is shaded below. Which fraction is equivalent to the shaded portion of this model?



A. $\frac{2}{5}$

C. $\frac{1}{2}$

B. $\frac{6}{10}$

D. $\frac{4}{4}$

8. Which of the following is equivalent to $\frac{5}{5}$?

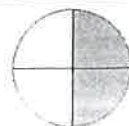
A. $\frac{1}{5}$

C. 5

B. 1

D. $\frac{5}{1}$

9. Janie ate the shaded portion of the pie. Write two equivalent fractions that represent the portion of the pie that Janie ate.



_____ = _____

Name _____ Date _____

Telling TIME



1. Julia went to the pool 60 minutes after the time shown on the clock. What time did Julia go to the pool?



- A. 1:20
B. 1:40
C. 2:20
D. 2:40

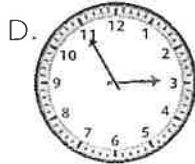
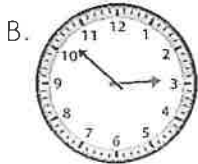
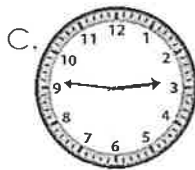
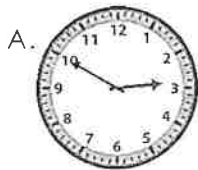
2. Lily's birthday party last one hour and thirty minutes. The clock shows what time her birthday party ended. What time did Lily's birthday party start?



- A. 4:00
B. 4:30
C. 3:00
D. 3:30

3. Which clock best represents the time shown on the digital clock?

2:50

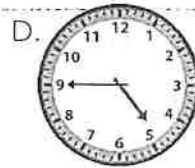
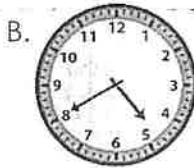
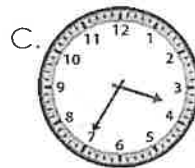
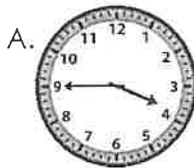


4. Mrs. Smith started cooking 45 minutes before the time shown on the clock. What time was it when Mrs. Smith started to cook?

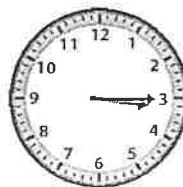


- A. 4:30
B. 4:45
C. 5:30
D. 5:45

5. The time now is 3:20. Jake has to leave for baseball practice in 15 minutes. Which clock shows the time Jake will leave for baseball practice?



6. Molly leaves for her grandparents' house at the time shown on the clock. She gets back home 3 hours and 30 minutes later. What time did Molly get home?



- A. 6:15
B. 6:45
C. 6:00
D. 5:30

7. Kyle leaves his house at 2:30 walk his dog. Taylor leaves her house 20 minutes earlier to walk her dog. What time did Taylor start walking her dog?

- A. 1:20
B. 1:40
C. 2:10
D. 2:40

8. Kasey gets up at 6:15 a.m. She eats breakfast at 7:20 a.m. How long is it after Kasey gets up before she eats breakfast?

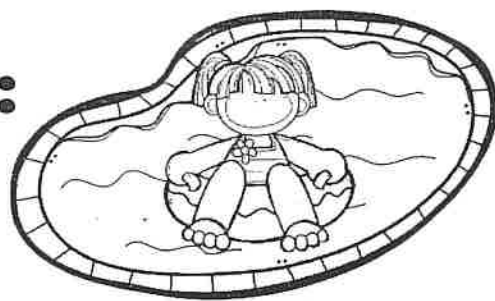
- A. 55 minutes
B. 60 minutes
C. 65 minutes
D. 70 minutes

9. It took 18 minutes for Scott to walk to Mark's house. If he left at 7:48, what time did Scott get to Mark's house?

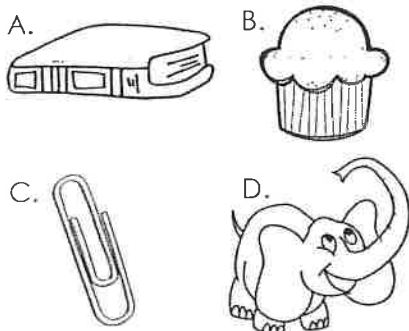
Name _____ Date _____

Measurement:

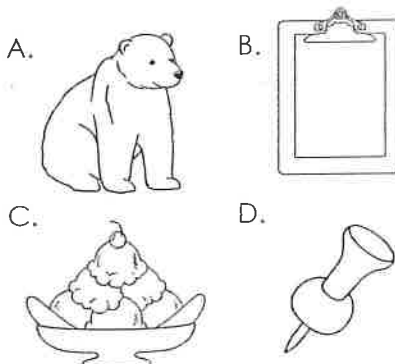
MASS & VOLUME



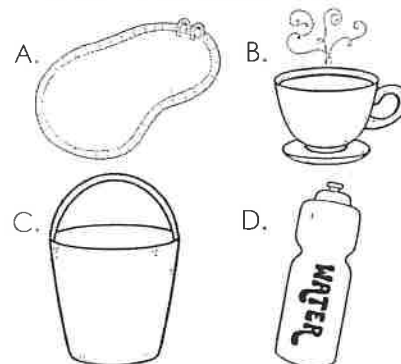
1. Which object weighs about 1 kilogram?



2. Which object weighs about 1 gram?



3. Which of the following would hold about 1 liter?



4. A fish tank holds 200 liters of water. If 88 more liters of water are needed to fill the tank, how many liters of water are already in the tank?

- A. 112 liters
B. 122 liters
C. 188 liters
D. 288 liters

5. Michael feeds his dogs about 5 kilograms of dog food per day. About how much dog food does he feed his dogs in 10 days?

- A. 5 kilograms
B. 20 kilograms
C. 50 kilograms
D. 100 kilograms

6. The mass of 12 grapes is 72 grams. Each grape has the same mass. What is the mass of one grape?

- A. 5 grams
B. 6 grams
C. 8 grams
D. 12 grams

7. Mrs. Brown uses 8 bags of flour a day to bake cakes for her bakery. Each bag has a mass of 6 kg. How many kg of flour does Mrs. Brown use each day?

- A. 64 kg
B. 48 kg
C. 40 kg
D. 36 kg

8. Rosa had a fish tank filled with 56 liters of water. She emptied the fish tank by filling a container that holds 7 liters of water. How many times did she fill the container to empty the fish tank?

- A. 6 times
B. 7 times
C. 8 times
D. 9 times

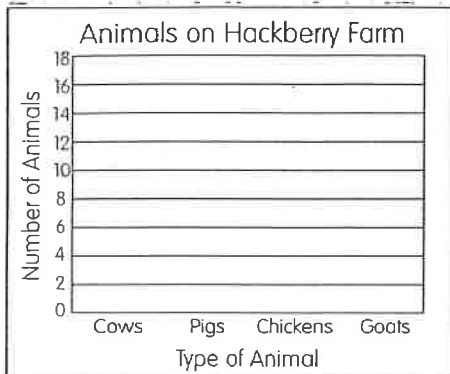
9. Wesley had 2 pieces of bread. They each weigh 25 grams. How much do the two pieces of bread weigh altogether?

- A. 23 grams
B. 27 grams
C. 50 grams
D. 100 grams

Name _____ Date _____

Graphing Data

1. Mr. Hackberry counted the number of animals on his farm. He counted 14 cows, 9 pigs, 17 chickens, and 6 goats. Make a bar graph to show the number of animals on his farm.

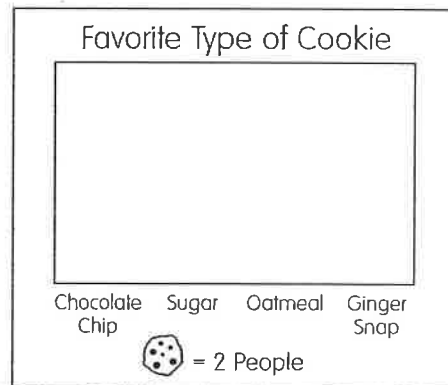


2. How many more chickens are there than pigs?
- A. 3 more C. 9 more
B. 8 more D. 11 more
3. How many animals did Mr. Hackberry have in all?
- A. 46 animals
B. 45 animals
C. 40 animals
D. 31 animals

4. Jillan surveyed 16 of her friends about their favorite type of cookie. Her results are below.

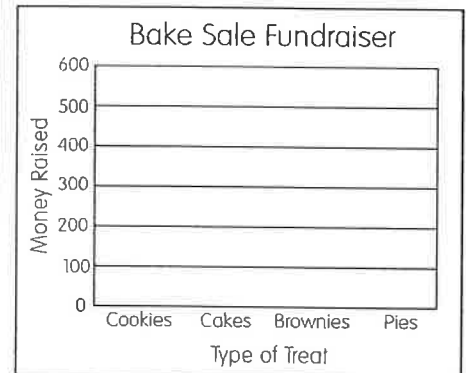
Chocolate Chip	6
Sugar	3
Oatmeal	5
Ginger Snap	2

Draw a pictograph to show the number of people that liked each cookie.



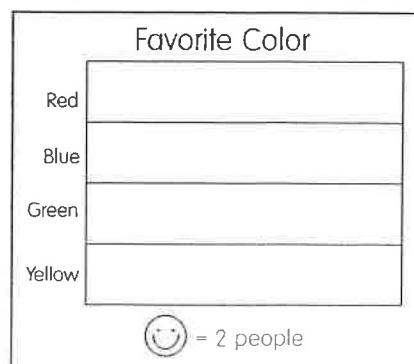
5. How many more people liked oatmeal than sugar?
- A. 4 more C. 8 more
B. 3 more D. 2 more

6. The cheerleading team held a bake sale fundraiser. Each item cost \$1. They sold 450 cookies, 200 cakes, 350 brownies, and 600 pies. Make a bar graph to show how much money they earned from each item sold.



7. Based on the results, which item should they make more of to sell at their next bake sale fundraiser?
- A. cookie C. brownies
B. pies D. cakes
8. What interval was used for this scale? _____

9. Survey friends and family members about their favorite color. Make a pictograph to show how many people liked each color. Based on your results create a question with answer choices about your graph. Be sure to circle the correct answer.



10. _____
- _____
- _____
- _____
- A. _____ C. _____
B. _____ D. _____