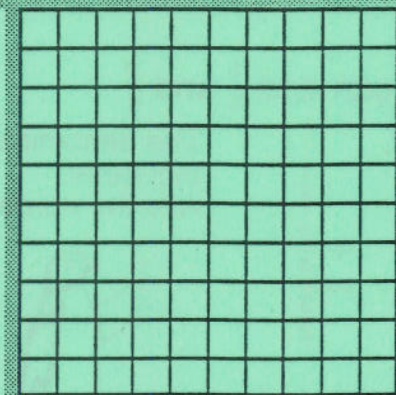


Decimals / Fractions

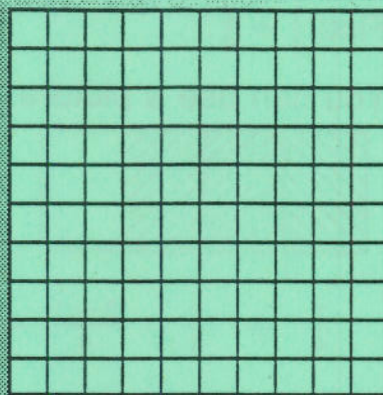
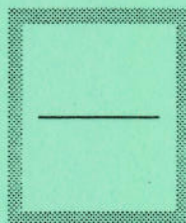
1. Shade each diagram and write the missing words or fraction.

a.

$$\frac{56}{100}$$

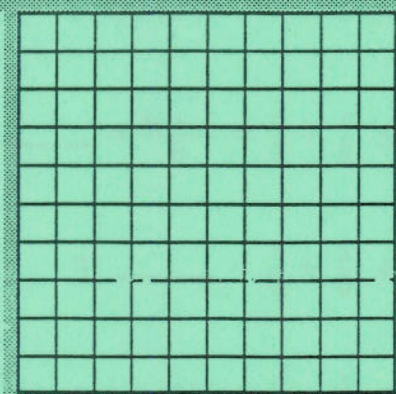


b.



two hundredths

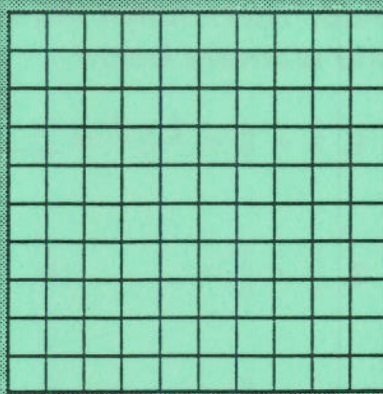
c.



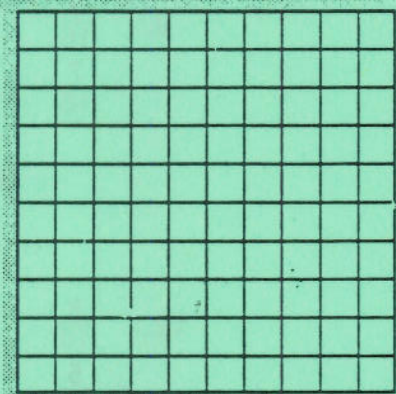
nine hundredths

d.

$$\frac{90}{100}$$



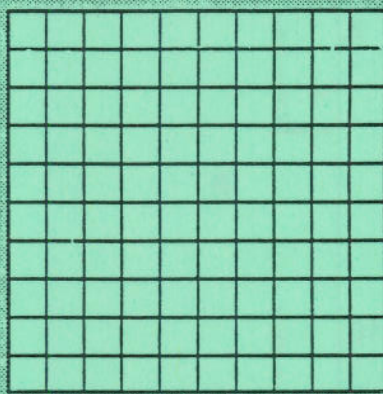
e.



twenty hundredths

f.

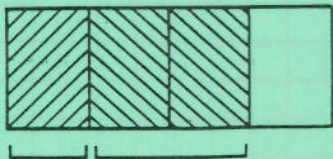
$$\frac{12}{100}$$



2. Write the fractions in words in order from **greatest** to **least**.

Find $\frac{1}{4} + \frac{2}{4}$.

You can use a picture.



$$\frac{1}{4} + \frac{2}{4} = \frac{2+1}{4} = \frac{3}{4}$$

Or you can add $\frac{1}{4}$ and $\frac{2}{4}$

like this.

$$\begin{array}{r} \frac{1}{4} \\ + \frac{2}{4} \\ \hline \frac{3}{4} \end{array}$$

The denominators are the same.
Add the numerators.



What do you call two pears?

Add. Then match the letters with the answers below.

$$1. \frac{2}{7} + \frac{4}{7} = \frac{2+4}{7} = \frac{6}{7} \quad \text{A}$$

$$2. \frac{1}{9} + \frac{4}{9} = \frac{1+4}{9} = \frac{5}{9} \quad \text{A}$$

$$3. \frac{2}{5} + \frac{1}{5} = \frac{2+1}{5} = \frac{3}{5} \quad \text{R}$$

$$4. \frac{4}{6} + \frac{1}{6} = \frac{4+1}{6} = \frac{5}{6} \quad \text{F}$$

$$5. \frac{2}{8} + \frac{5}{8} = \frac{2+5}{8} = \frac{7}{8} \quad \text{S}$$

$$6. \frac{3}{4} + \frac{1}{4} = \frac{3+1}{4} = \frac{4}{4} = 1 \quad \text{P}$$

$$7. \begin{array}{r} \frac{1}{3} \\ + \frac{1}{3} \\ \hline \end{array}$$

R

$$8. \begin{array}{r} \frac{5}{12} \\ + \frac{6}{12} \\ \hline \end{array}$$

I

$$9. \begin{array}{r} \frac{3}{16} \\ + \frac{7}{16} \\ \hline \end{array}$$

O

$$10. \begin{array}{r} \frac{7}{9} \\ + \frac{1}{9} \\ \hline \end{array}$$

E

$$11. \begin{array}{r} \frac{13}{16} \\ + \frac{2}{16} \\ \hline \end{array}$$

A

$$12. \begin{array}{r} \frac{5}{10} \\ + \frac{5}{10} \\ \hline \end{array}$$

P

A

$$\frac{6}{7}$$

$$\frac{10}{10}$$

$$\frac{15}{16}$$

$$\frac{11}{12}$$

$$\frac{3}{5}$$

$$\frac{10}{16}$$

$$\frac{5}{6}$$

$$\frac{4}{4}$$

$$\frac{8}{9}$$

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

$$\frac{2}{3}$$

$$\frac{7}{8}$$

1. What possible combinations could you choose?

Pancake	Topping
Whole Wheat	Strawberry

<h1>Pancake Paradise</h1> <h2>Menu</h2>	
<h3>Pancake Stacks</h3>	
Whole Wheat	1.20¢
Buttermilk	1.10¢
Plain	90¢
<h3>Toppings</h3>	
Strawberry	40¢
Blueberry	50¢
Maple Syrup	20¢

2. Suppose you have \$1.50. Which pancake and topping combinations are too expensive for you to order?

3. How would the number of possible combinations increase if the menu was enlarged in these ways?

a. Add one more type of pancake. (Everything else stays the same.)	
b. Add one more type of topping. (Everything else stays the same.)	
c. Add one more type of pancake and one more type of topping.	

TENTHS AND HUNDREDTHS

HOW MANY HUNDREDTHS?

1. Look at this pattern. There are 100 squares. Each square is .01, or one hundredth of the whole. Write the decimal that tells what part of the whole is:

★	★	▲	▲	●	●	●	●	●	●
▲	▲	★	★	♠	♠	♠	♠	♠	♠
▲	▲	▲	▲	★	★	♠	♠	♠	♠
♦	♦	♦	♦	▲	▲	★	★	♠	♠
♦	♦	♦	♦	♦	♦	▲	▲	★	★
♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
●	●	●	♠	♠	♠	♠	♠	♥	♥
♣	♥	♣	♥	♣	♥	♣	×	×	×
♣	♥	♣	♥	♣	♥	♣	×	×	×
♣	♥	♣	♥	♣	♥	♣	×	×	×

$$\star = .10$$

$$\clubsuit = \underline{\hspace{1cm}}$$

$$\diamond = \underline{\hspace{1cm}}$$

$$\bullet = \underline{\hspace{1cm}}$$

$$\blacktriangle = \underline{\hspace{1cm}}$$

$$\heartsuit = \underline{\hspace{1cm}}$$

$$\spadesuit = \underline{\hspace{1cm}}$$

$$\times = \underline{\hspace{1cm}}$$

2. Now fill in this square with the symbols shown. You might want to use different colors.

$$\heartsuit = .08$$

$$O = .30$$

$$\times = .13$$

$$W = .05$$

$$\bullet = .22$$

$$S = .02$$

$$\blacktriangle = .10$$

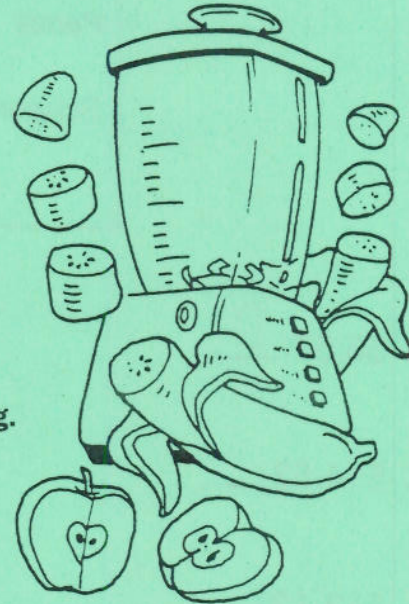
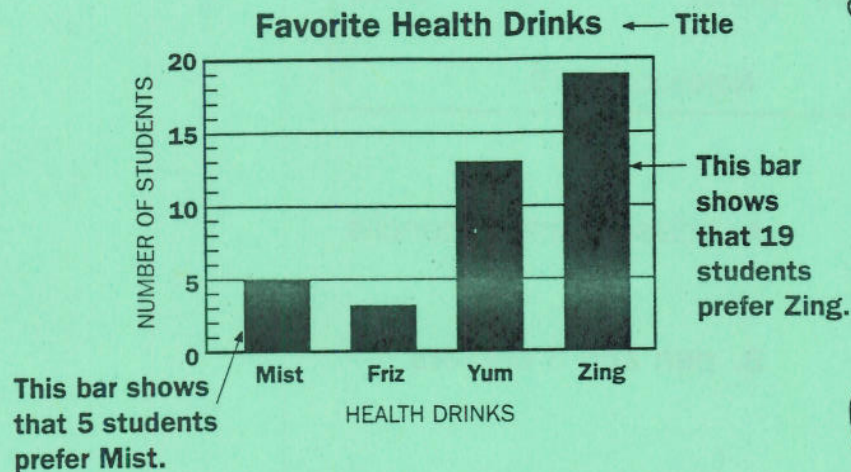
$$A = .06$$

$$\diamond = .03$$

$$B = .01$$

BAR GRAPHS

Amy made health drinks for her classmates. The students voted for their favorite drink. Here are the results.



Use the bar graph above to solve problems 1–6.

1. What is the title of the graph?

2. Find Mist on the graph. How many students like Mist best?

3. How many students like Friz best?

4. Which drink did 13 students like best?

5. Which is the class favorite? How do you know?

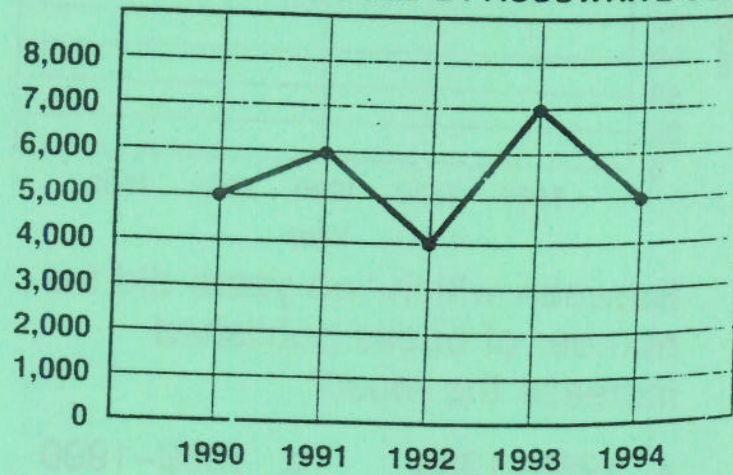
6. Order the drinks from most favorite to least favorite. Explain how you can order them without finding the number of students each bar stands for.

Write the letter of the correct group of items next to each price.

Pencil	\$0.38	Eraser	\$0.73
Scissors	\$12.37	Pen	\$8.95
Notebook \$2.79			

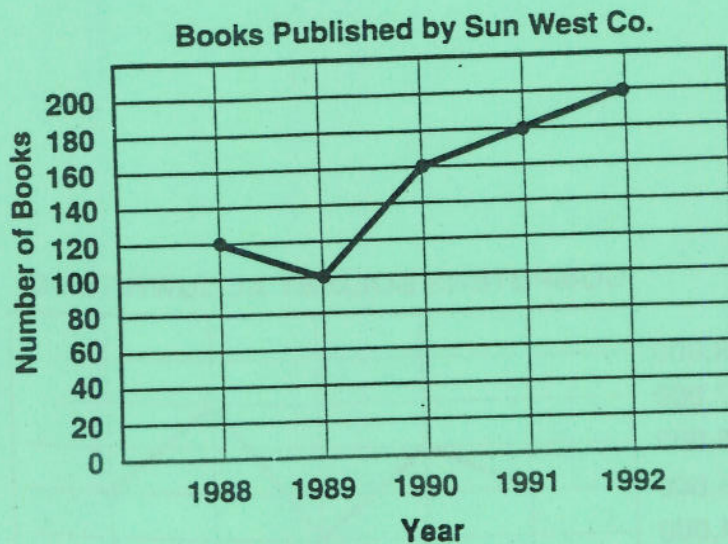
1. \$6.57 D
 - A. scissors and 2 pencils
 - B. pen and 3 erasers
 - C. 6 notebooks
 - D. 9 erasers
 - E. 4 erasers and 9 pencils
 - F. pen and 2 notebooks
 - G. scissors and notebook
 - H. 20 notebooks
 - I. 4 pencils and 5 erasers
2. \$14.53 ____
3. \$13.13 ____
4. \$15.16 ____
5. \$6.34 ____
6. \$55.80 ____
7. \$11.14 ____
8. \$5.17 ____
9. \$16.74 ____

COMPUTERS SOLD BY ACCUWRITE CO.



How many computers were sold
in 1993?

In which two years were the
same number of computers sold?



Between which two years did the number of books published increase the most?

- A. 1988–1989 B. 1989–1990
- C. 1990–1991 D. 1991–1992

In which two years were the fewest books published?

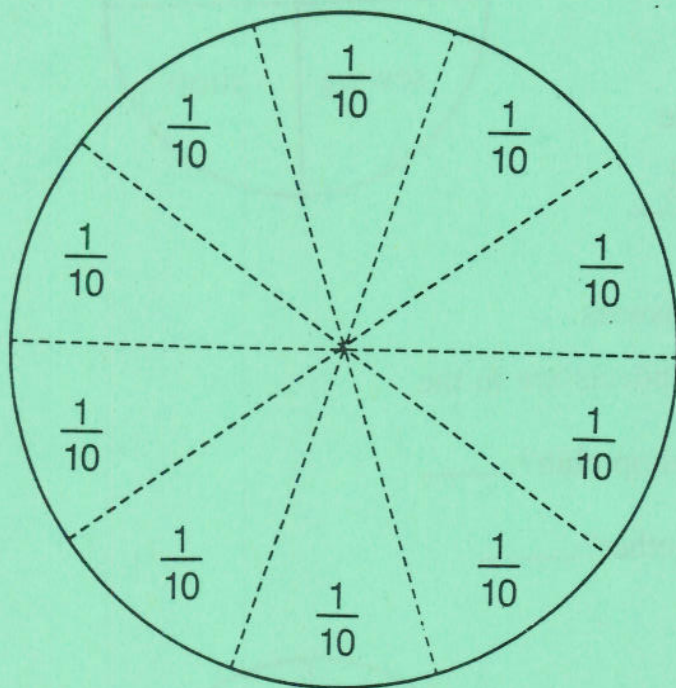
- A. 1988, 1989 B. 1988, 1990
- C. 1989, 1991 D. 1991, 1992

In which two years did the total number of books published equal about 400?

- A. 1988, 1989 B. 1988, 1990
- C. 1989, 1991 D. 1991, 1992

Making a Circle Graph

Make a circle graph by following the directions below.



Color each part using this key.

yellow $\frac{1}{2}$ red $\frac{1}{10}$ blue $\frac{1}{5}$ green $\frac{2}{10}$

There are 100 people at the airport.

$\frac{1}{2}$ of the people are passengers.

$\frac{1}{10}$ of the people are pilots.

$\frac{1}{5}$ of the people are mechanics.

$\frac{2}{10}$ of the people are ticket agents.

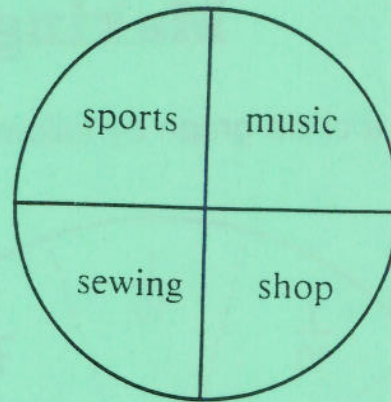
1. Are there more passengers or pilots? _____
2. Are there more mechanics or ticket agents? _____

Circle Graphs

Example

A circle graph shows parts of a whole. This graph shows which clubs the students have joined.

The circle shows $\frac{1}{4}$'s.



What part of the students are in the

sports club? $\frac{1}{4}$ music club? $\frac{1}{4}$

Use the circle graphs to find the answers.

What part of the total number of students are in the

1. sewing club? _____ 2. shop club? _____

3. sports club and music club together? _____

What part of Doris's day is spent

4. sleeping? _____

5. doing school work? _____

6. doing other things? _____



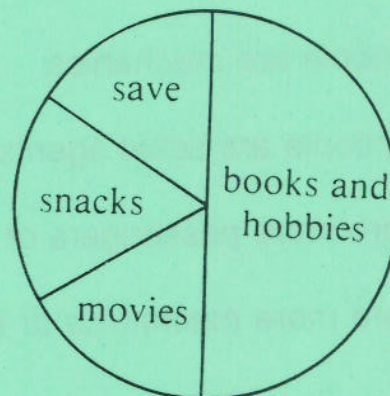
What part of Al's allowance is

7. spent for books and hobbies? _____

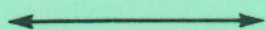
8. spent for snacks? _____

9. spent for movies? _____

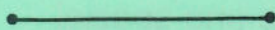
10. saved? _____



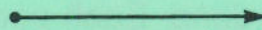
LINE SEGMENTS, LINES, AND RAYS



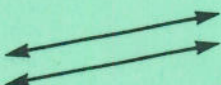
A **line** goes on forever in both directions.



A **line segment** is part of a line. It has two endpoints.



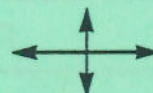
A **ray** has one endpoint.



Parallel lines never meet.



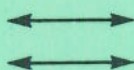
Intersecting lines meet.



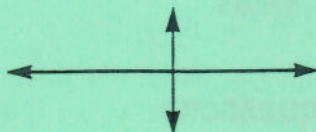
Perpendicular lines form square corners.

Describe the figure.

1.



2.



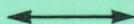
3.



4.



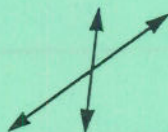
5.



6.



7.



8.



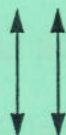
9.



10.



11.

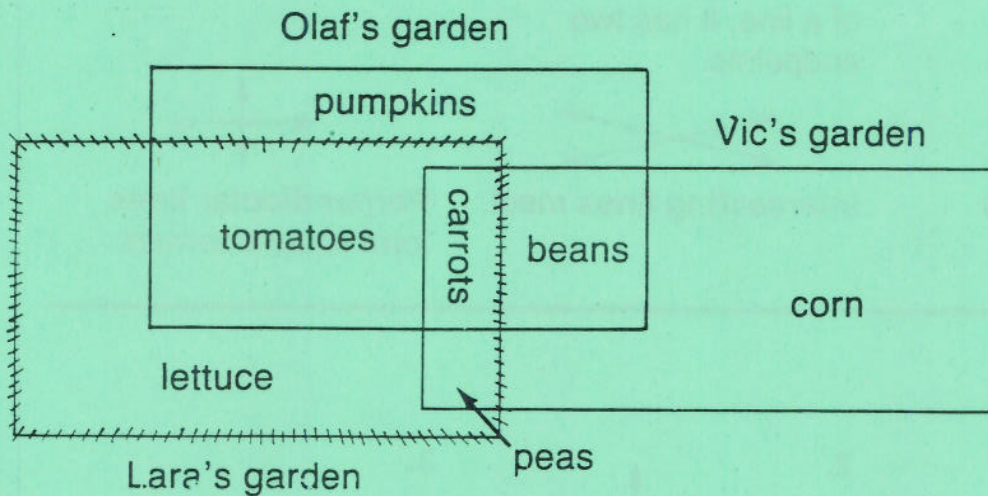


12.



Understanding a Diagram

The picture shows how Olaf, Vic, and Lara planted their gardens. Each person grows one special vegetable. Other parts of the garden are shared.



Use the picture to answer the questions.

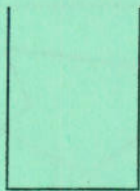




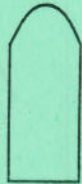
Example The two who share the peas are Lara and Vic.

1. Who grows pumpkins? _____
2. Who grows lettuce? _____
3. Corn is grown by _____.
4. The two who share the beans are Vic and _____.
5. The tomatoes are shared by Lara and _____.
6. How many kinds of vegetables does Olaf grow? _____
7. How many kinds of vegetables does Lara grow? _____
8. How many kinds of vegetables does Vic grow? _____
9. The vegetable shared by all three is _____.

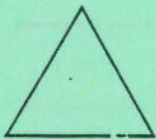
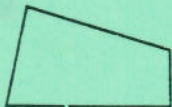
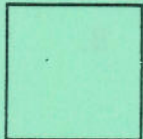
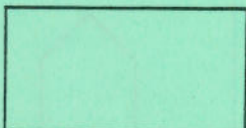
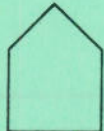

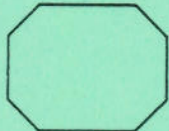
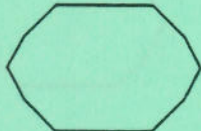
2-DIMENSIONAL FIGURES AND POLYGONS

A **polygon** is a closed 2-dimensional figure with straight sides.

These are *not* polygons.

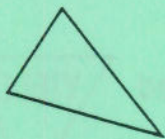
Open Figures	Closed Figures
  	  

These are polygons.

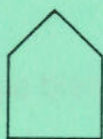
 <p>triangle 3 sides</p>	 <p>quadrilateral 4 sides</p>	 <p>square 4 sides</p>	 <p>rectangle 4 sides</p>
 <p>pentagon 5 sides</p>	 <p>hexagon 6 sides</p>	 <p>octagon 8 sides</p>	 <p>decagon 10 sides</p>

Name the polygon.

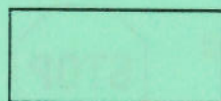
1.



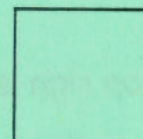
2.



3.



4.



2-DIMENSIONAL FIGURES AND POLYGONS

Tell if the figure is open or closed.

1.



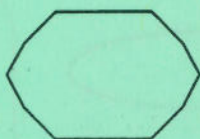
2.



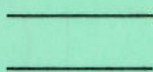
3.



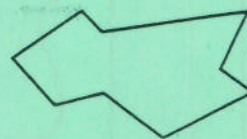
4.



5.

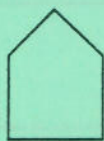


6.



Name the polygon.

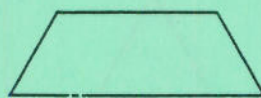
7.



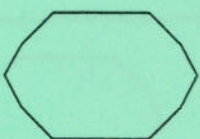
8.



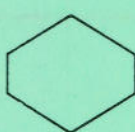
9.



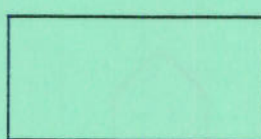
10.



11.



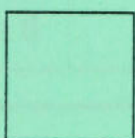
12.



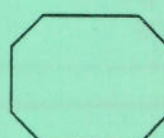
13.



14.



15.



Solve.

16. A stop sign is shaped
like a(n) _____.

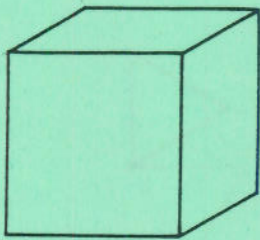


17. A yield sign is shaped
like a(n) _____.

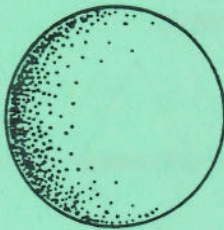


Write the name for each shape. Use *cylinder*, *cube*, *sphere*, or *rectangular prism*.

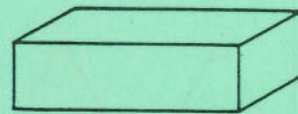
1.



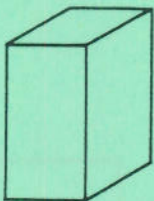
2.



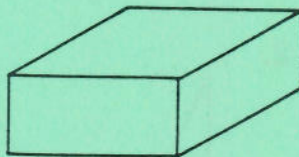
3.



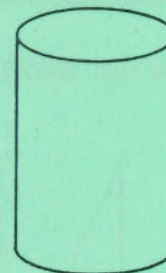
4.



5.



6.



Solve each problem.

7. What shape is a can of house paint?

8. What shape is a baseball?

9. What shape is a washing machine?

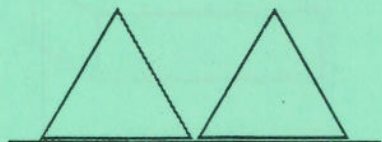
10. What shape is a can of soup?

11. What shape is a music box with 6 square sides?

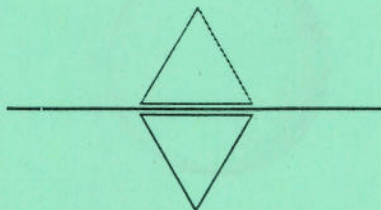
12. What shape is a desk drawer?

SLIDES, FLIPS, AND TURNS

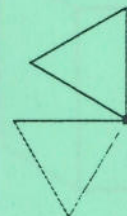
You can move figures in different ways.



You can **slide** a figure across a line.



You can **flip** a figure over a line.



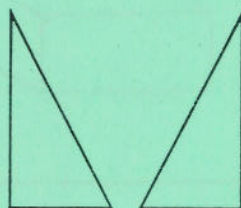
You can **turn** a figure around a point.

Write *flip*, *slide*, or *turn*. Tell how each figure was moved.

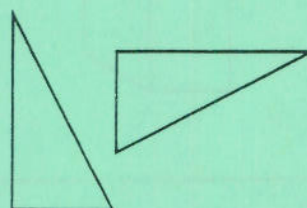
1.



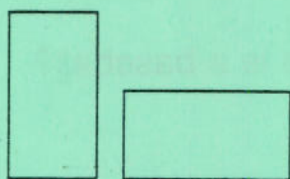
2.



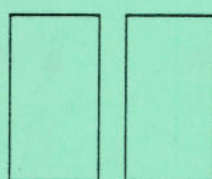
3.



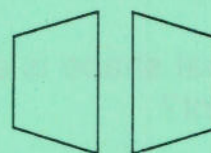
4.



5.



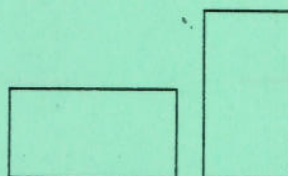
6.



7.



8.

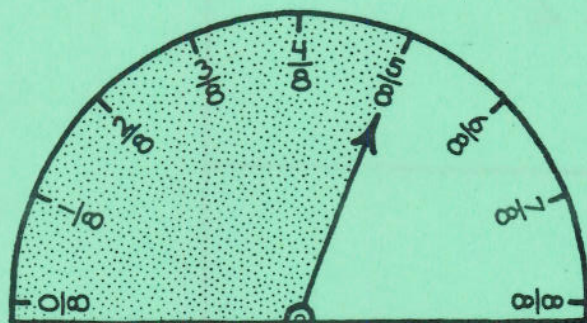


9.

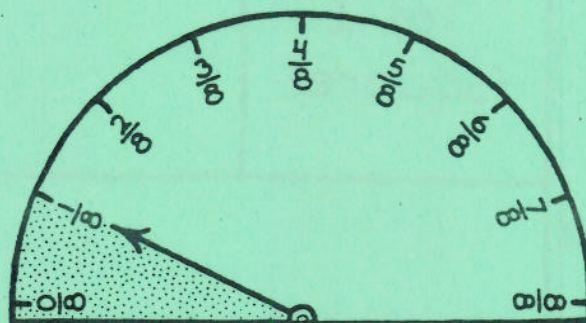


GASOLINE GAUGE

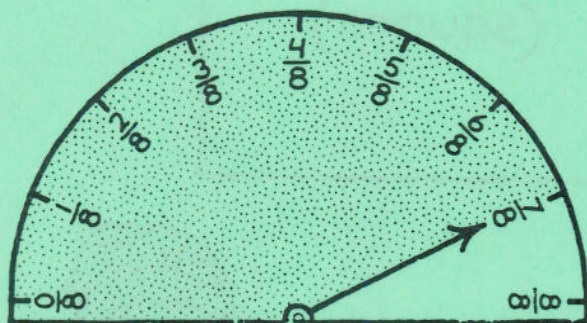
The gasoline tank in Mr. Barrio's car holds 16 gallons. The pictures show the gasoline gauge at various times during a trip. How many gallons of gasoline did Mr. Barrio use on this trip?



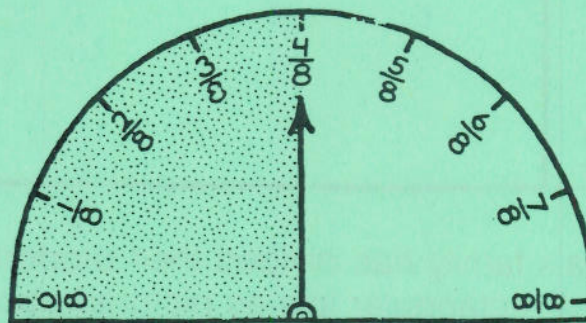
7:00 A.M. (Start of trip)



12:00 noon (Before adding gas)



12:00 noon (After adding gas)

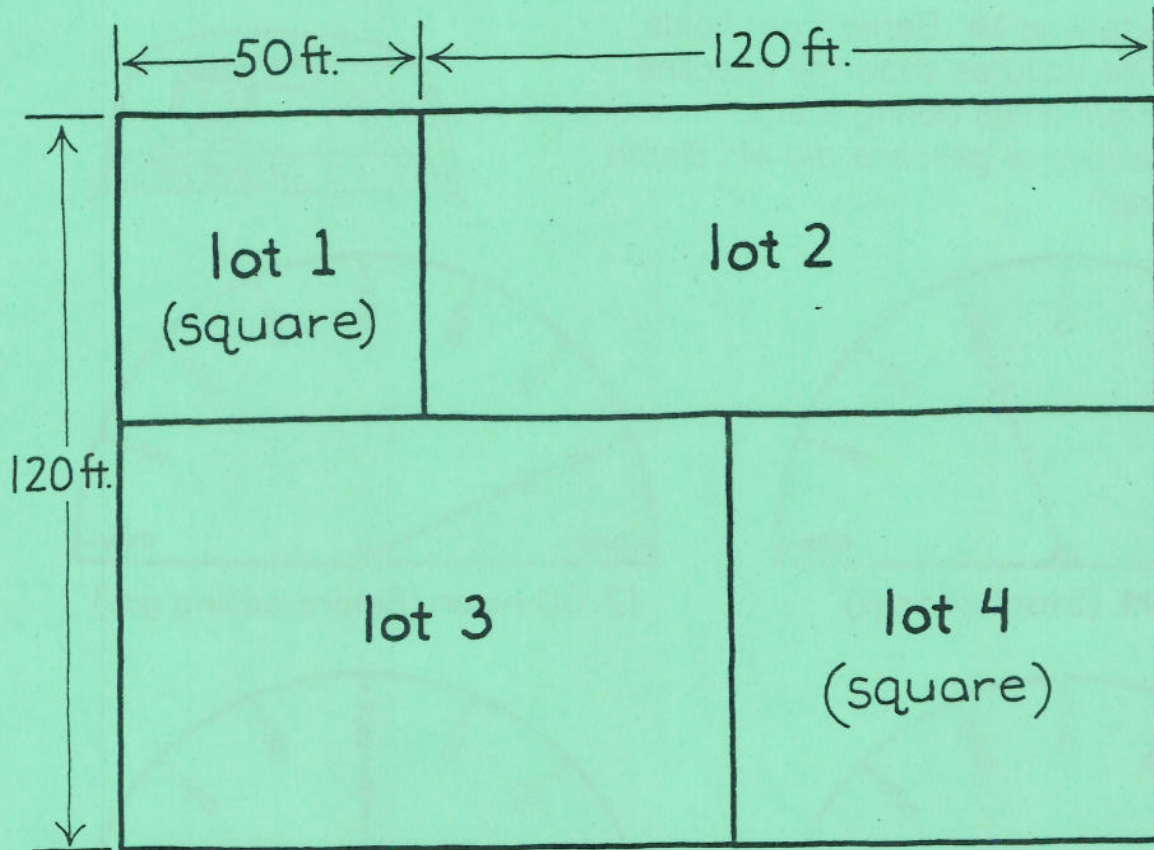


3:30 P.M. (End of trip)

Use the gasoline gauges for Problems 1 and 2.

1. What fraction of a tank of gasoline did Mr. Barrio use from 7:00 A.M. to 12:00 noon?
2. What fraction of a tank did he use from 12 noon to 3:30 P.M.?
3. What fraction of a tank of gasoline did Mr. Barrio use on the entire trip?
4. How many gallons of gasoline did Mr. Barrio use? Draw a picture to help you.

LOTS OF FENCE



Anita's family has divided their property into 4 rectangular lots as pictured above. They plan to put a fence around each rectangle. Anita's mother asked her to figure out how many feet of fence they should buy.

1. Label the lengths of all the sides of all the rectangles.
2. How much fence is needed?

Anita's brother also wants to put a fence from one corner of lot 2 to the opposite (diagonal) corner of lot 2.

3. About how many extra feet of fence would Anita's brother need?



Mental Math

Science Swans are large, beautiful birds which sometimes live in city parks. Male swans weigh about 41 pounds. Female swans weigh about 37 pounds.

Use mental math to solve these problems.

1. How much would 4 male swans weigh? _____
2. How much would 2 female swans weigh? _____
3. How much would two pairs of swans weigh, 2 males and 2 females? _____

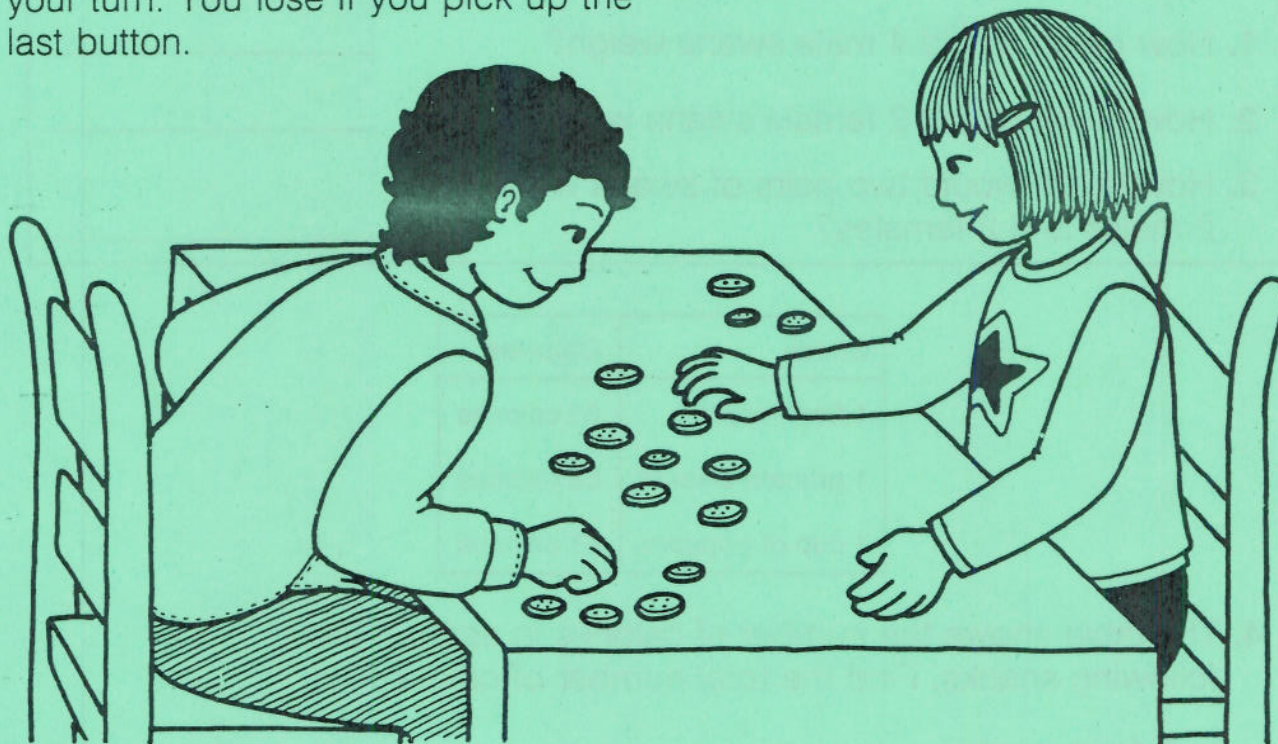
Snack	Calories
1 fresh apple	61 calories
1 graham cracker	58 calories
1 cup of popcorn	41 calories

4. The table shows the number of calories in each of the following snacks. Find the total number of calories in:
 - a. 2 fresh apples _____
 - b. 4 cups of popcorn _____
 - c. 3 graham crackers _____
 - d. 1 apple, 2 cups of popcorn, and 5 graham crackers _____
5. There are 27 books on each shelf of a 9-shelf bookcase. How many books are in the entire bookcase? _____

PLAY THE BUTTON GAME

Play this game with a friend.

Place 15 buttons on a table and decide who goes first. Take turns picking up either 1 or 2 buttons. You are not allowed to skip your turn. You lose if you pick up the last button.




-
1. If there's one button left on the table and it's your turn, who wins? _____
 2. If it's your turn and there are 2 buttons left, how many buttons should you pick up? _____
 3. If there are 4 buttons left, how many buttons should you pick up? _____
 4. Describe a winning strategy for this game. _____
 5. How does your strategy change if the winner is the player who picks up the last button? _____

PROBLEM SOLVING


WHO WEARS WHAT?

Here are 3 T-shirts and 3 pairs of shorts. How many different outfits can each person wear?



1. Paul likes to wear  the best.
Show all the ways Paul can wear




2. Stan likes to wear ★★ ★ but not .

a. Show all the ways Stan can wear



b. Show all the ways Stan can wear



3. Stacy likes to wear ONLY ★ ★★ and .

Show all the ways Stacy can wear



and









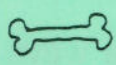
4. Show all the ways *you* would wear the shorts and shirts.

FINDING PROBABILITY

A SACK OF SOCKS

Saggy stuck 15 of his socks into his sack. Here's what was in his sack:



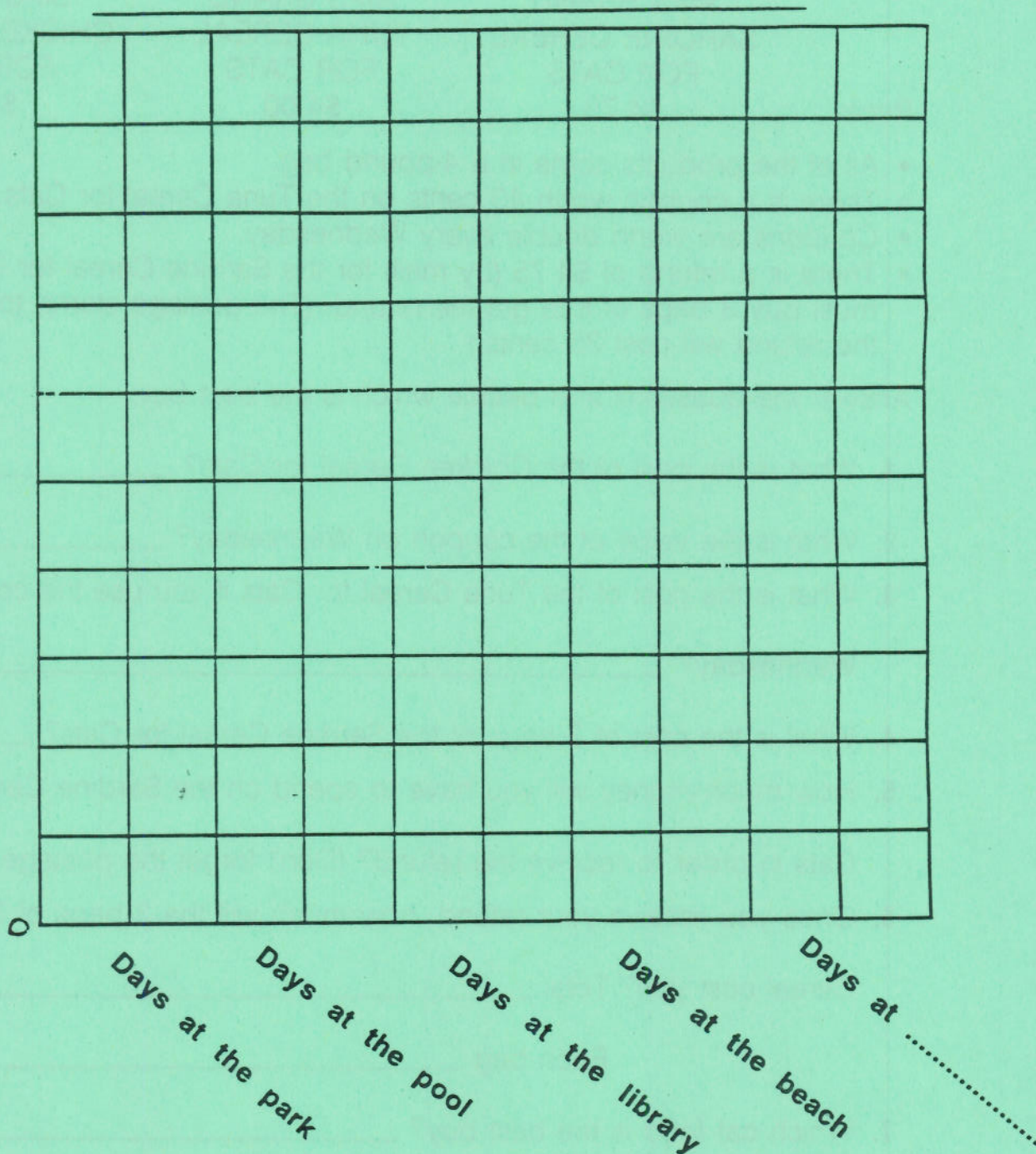
1. What is the probability of Saggy picking 1  ? ____ out of ____.
2. What is the probability of Saggy picking 1  ? _____.
3. What is the probability of Saggy picking 1  ? _____.
4. What is the probability of Saggy picking 1 sock that has either a ☆
or a  on it? _____.
5. What is the probability of Saggy picking either 1 
or 1  ? _____.
6. What is the probability of Saggy picking 1 sock with a 
on it? _____ Why? _____

Color Saggy and his socks if you wish.

Graph It!

Use the information about your vacation to construct a bar graph.

Remember your graph must have a title, labels, and start with the number 0.



PROBLEM SOLVING

CAT FOOD SCENTS



Winnie the cat loves three kinds of cat food:

PIPS BRAND
SARDINE CEREAL
FOR CATS

NIPS BRAND
TUNA CEREAL
FOR CATS

BIPS BRAND
CHICKEN CEREAL
FOR CATS

Price:

\$4.75

\$4.00

\$3.29

- All of the products come in a 4-pound bag.
- There is a coupon worth 40 cents on the Tuna Cereal for Cats.
- Coupons are worth double every Wednesday.
- There is a refund of \$4.75 (by mail) for the Sardine Cereal for Cats. You must buy 3 bags of it to get the refund. (The postage stamp to mail in for the refund will cost 25 cents.)

Answer the questions and decide which is the best buy.

1. What is the cost of the Chicken Cereal for Cats? _____
2. What is the value of the coupon on Wednesday? _____
3. What is the cost of the Tuna Cereal for Cats if you use the coupon on Wednesday? _____
4. What is the cost of 3 bags of the Sardine Cereal for Cats? _____
5. How much money will you have to spend on the Sardine Cereal for Cats in order to receive the refund? (Don't forget the postage.) _____
6. Once you receive your refund, how much will the 3 bags of Sardine Cereal cost you? Total _____
Each bag _____
7. Which cat food is the best buy? _____

Decimals

Name _____

Total Problems 30

Problems Correct _____

$$\begin{array}{r} 1. \quad 0.65 \\ - 0.38 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 0.92 \\ - 0.36 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 0.53 \\ - 0.47 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 9.42 \\ - 3.68 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 6.45 \\ - 2.58 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 7.52 \\ - 4.87 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 5.71 \\ - 3.94 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 9.25 \\ - 7.47 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 8.82 \\ - 4.95 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 3.45 \\ - 2.57 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 7.45 \\ - 2.58 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 6.45 \\ - 2.97 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 35.21 \\ - 7.15 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 68.45 \\ - 9.82 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 52.38 \\ - 1.19 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 87.45 \\ - 9.58 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 74.38 \\ - 6.49 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 47.36 \\ - 8.48 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 96.45 \\ - 8.26 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 72.40 \\ - 5.28 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 35.46 \\ - 7.28 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 66.41 \\ - 9.25 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 32.45 \\ - 18.28 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 65.48 \\ - 42.59 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 98.45 \\ - 54.28 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 74.36 \\ - 51.48 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 51.42 \\ - 23.76 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 29.43 \\ - 17.28 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 86.45 \\ - 72.56 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 72.48 \\ - 27.39 \\ \hline \end{array}$$



Practice hard. You'll win.

Decimals

Name _____

Total Problems 30

Problems Correct _____

$$\begin{array}{r} 1. \quad 8.04 \\ \quad 0.63 \\ + 3.24 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 5.43 \\ \quad 0.26 \\ + 6.52 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 9.74 \\ \quad 0.43 \\ + 0.65 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 5.40 \\ \quad 0.38 \\ + 0.29 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 6.34 \\ \quad 0.48 \\ + 5.53 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 0.46 \\ \quad 0.38 \\ + 6.25 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 3.24 \\ \quad 2.85 \\ + 6.34 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 5.36 \\ \quad 2.48 \\ + 6.53 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 7.42 \\ \quad 3.85 \\ + 4.28 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 2.41 \\ \quad 3.25 \\ + 1.38 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 5.43 \\ \quad 2.51 \\ + 8.25 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 8.45 \\ \quad 6.32 \\ + 2.58 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 6.84 \\ \quad 7.35 \\ + 1.24 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 3.24 \\ \quad 8.31 \\ + 2.56 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 6.43 \\ \quad 1.32 \\ + 7.58 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 65.42 \\ \quad 3.71 \\ + 4.28 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 92.30 \\ \quad 4.64 \\ + 5.18 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 84.35 \\ \quad 3.24 \\ + 4.93 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 38.48 \\ \quad 2.35 \\ + 3.13 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 64.35 \\ \quad 5.48 \\ + 2.83 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 54.32 \\ \quad 63.85 \\ + 2.14 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 74.35 \\ \quad 65.86 \\ + 3.44 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 34.65 \\ \quad 2.87 \\ + 85.24 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 72.45 \\ \quad 3.86 \\ + 94.47 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 6.52 \\ \quad 43.69 \\ + 32.34 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 5.48 \\ \quad 62.54 \\ + 38.62 \\ \hline \end{array}$$

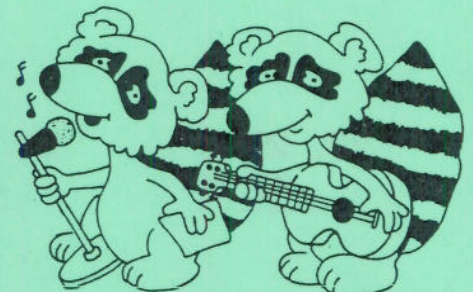
$$\begin{array}{r} 27. \quad 42.66 \\ \quad 34.87 \\ + 58.32 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 84.32 \\ \quad 20.14 \\ + 83.23 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 36.45 \\ \quad 72.59 \\ + 24.31 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 74.32 \\ \quad 24.04 \\ + 15.21 \\ \hline \end{array}$$

Practice!
Practice!
Practice!



Multiplication

Name _____

Show your work on another sheet.
Write your answers here.

Total Problems 30

Problems Correct _____



$$\begin{array}{r} 1. \ 407 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ 530 \\ \times 62 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \ 261 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \ 704 \\ \times 82 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \ 607 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \ 437 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \ 623 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \ 140 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \ 210 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \ 527 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \ 708 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \ 283 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \ 340 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \ 630 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \ 208 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \ 896 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \ 730 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \ 347 \\ \times 80 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \ 310 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \ 488 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \ 107 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \ 830 \\ \times 71 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \ 748 \\ \times 50 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \ 560 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \ 205 \\ \times 94 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \ 827 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \ 736 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \ 506 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \ 830 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \ 463 \\ \times 50 \\ \hline \end{array}$$



Practice hard.
You'll win.

Multiplication

Name _____

Show your work on another sheet.
Write your answers here.

Total Problems 30

Problems Correct _____



$$\begin{array}{r} 1. \ 436 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ 327 \\ \times 51 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \ 824 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \ 528 \\ \times 63 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \ 232 \\ \times 82 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \ 329 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \ 252 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \ 362 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \ 243 \\ \times 84 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \ 392 \\ \times 41 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \ 354 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \ 236 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \ 583 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \ 442 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \ 623 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \ 542 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \ 825 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \ 514 \\ \times 62 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \ 362 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \ 424 \\ \times 49 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \ 282 \\ \times 91 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \ 989 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \ 418 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \ 683 \\ \times 83 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \ 536 \\ \times 24 \\ \hline \end{array}$$

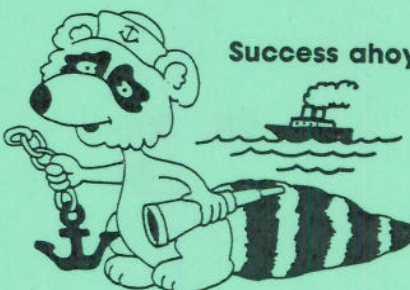
$$\begin{array}{r} 26. \ 817 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \ 724 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \ 325 \\ \times 72 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \ 824 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \ 633 \\ \times 38 \\ \hline \end{array}$$



Success ahoy! Just practice!

Division

Name _____

Show your work on another sheet.
Write your answers here.

Total Problems 27

Problems Correct _____

1. $2 \overline{)432}$

2. $4 \overline{)924}$

3. $6 \overline{)726}$

4. $5 \overline{)575}$

5. $3 \overline{)456}$

6. $7 \overline{)784}$

7. $9 \overline{)999}$

8. $8 \overline{)896}$

9. $4 \overline{)848}$

10. $2 \overline{)952}$

11. $5 \overline{)715}$

12. $3 \overline{)942}$

13. $6 \overline{)786}$

14. $5 \overline{)765}$

15. $4 \overline{)932}$

16. $3 \overline{)759}$

17. $2 \overline{)726}$

18. $5 \overline{)585}$

19. $7 \overline{)784}$

20. $2 \overline{)548}$

21. $6 \overline{)972}$

22. $4 \overline{)968}$

23. $2 \overline{)746}$

24. $8 \overline{)896}$

25. $4 \overline{)856}$

26. $3 \overline{)945}$

27. $7 \overline{)854}$

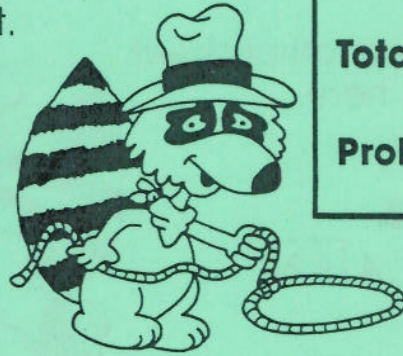
Through practice you learn!



Division

Name _____

Show your work on another sheet.
Write your answers here.

Total Problems 27

Problems Correct _____

1. $8 \overline{)532}$

2. $4 \overline{)269}$

3. $6 \overline{)562}$

4. $2 \overline{)179}$

5. $9 \overline{)659}$

6. $3 \overline{)119}$

7. $7 \overline{)439}$

8. $5 \overline{)484}$

9. $4 \overline{)155}$

10. $9 \overline{)587}$

11. $8 \overline{)757}$

12. $2 \overline{)157}$

13. $3 \overline{)143}$

14. $6 \overline{)338}$

15. $2 \overline{)193}$

16. $7 \overline{)331}$

17. $9 \overline{)291}$

18. $8 \overline{)210}$

19. $4 \overline{)383}$

20. $3 \overline{)224}$

21. $5 \overline{)374}$

22. $6 \overline{)537}$

23. $9 \overline{)867}$

24. $2 \overline{)135}$

25. $6 \overline{)446}$

26. $3 \overline{)254}$

27. $8 \overline{)307}$

Practice! Practice! Practice!

