Name_____

Write 36 in **expanded form**: _____

Which digit is in the **one's** place?_____   What is its **value?**_____

Which digit is in the **ten's** place?_____   What is its **value?**_____

Look at the number **64**.	(Show your work)
What would it be if it was 10 more?_____	+_____ -_____
What would it be if it was 10 less?_____	

42 is written this way in expanded form:
a) 4 + 2
b) 40 + 20
c) 40 + 2

42 is written this way in place value form:
a) 4 tens, 2 ones
b) 40 tens, 2 ones
c) 4 ones, 2 ones

How do you <u>read</u> the number 87?
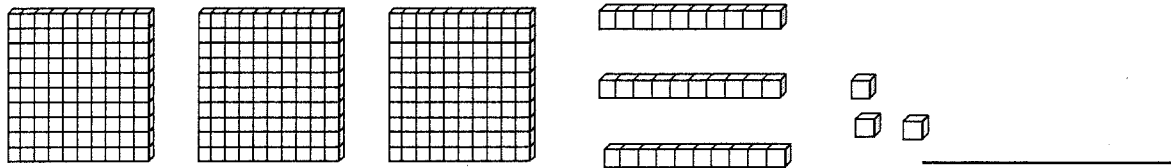a) eight seven
b) eighty-seven
c) eight seventy

Write a **numeral** (number) with 4 tens, and 5 ones:

_____

The **Identity Property of Addition** states that any number added to zero always _____ the _____.

Example: 7 + 0 = _____

Draw a picture showing 2 + 4 = 6

What number is shown with these place value blocks?

_____

---

50 is the same as: (When in doubt, work it out!)
a) 12 + 12
b) 20 + 20
c) 60 - 10

Commutative Property of Addition--
When the order of **addends** is changed, the **sum** stays the same.
Example: 3 + 2 = _____   and 2 + 3 = _____

Skip count by:

zeros: 0 ____ ____ ____ ____ ____ ____ ____ ____ 0

ones: 1 ____ ____ ____ ____ ____ ____ ____ ____ 10

twos: 2 ____ ____ ____ ____ ____ ____ ____ ____ 20

fives: 5 ____ ____ ____ ____ ____ ____ ____ ____ 50

Name_____

The **even** numbers are really great, they end in 0, 2, 4, 6, and 8.
The **odd** numbers aren't so hard to find, they end in 1, 3, 5, 7, and 9!

Are these numbers **even** or **odd**? Circle your answer.

32 even odd   83 even odd   93 even odd

Put these **whole numbers** in their correct place on **the number line**: 3, 7, 1

```
←|————————————————|————————————————|→
  0   .   .   .   .  5   .   .   .   .  10
```

Compare these whole numbers using   <   >   or   =

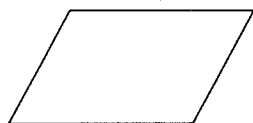17 ◯ 18   17 ◯ 12

125 ◯ 125   316 ◯ 361

<u>Polygon</u> - a closed plane figure made of 3 or more line segments.
<u>Quadrilateral</u> - a polygon with four sides and four angles.

How many sides does this **polygon** have?_____
How many corners does it have?_____
Is this polygon a **quadrilateral**?   yes   no

Combine two or more polygons to create a polygon design.

Find the **sum** to the following problems. (Remember the sum is the answer to an addition problem).

34	78	26	17
+ 12	+ 46	+ 15	+ 11

1) Ask a grown up about a time when they needed to use math this week. Briefly describe it: _____

_____

_____

2) Which of these strategies did they use to help them?

a) mental math   c) a calculator   e) a paper and pencil

b) estimating   d) rounding   f) other_____

Draw a picture showing 10 - 4 = 6

Write a story problem using this **number sentence**: 4 + 7 = 11

Skip count by:

threes: 3 ____ ____ ____ ____ ____ ____ ____ 30

fours: 4 ____ ____ ____ ____ ____ ____ ____ 40

Name_____

Use the phrases **larger than**, **half of**, or **close to**
to complete the following mathematical **statements**.

30 is _____ 4

30 is _____ 32.

30 is _____ 60.

Find the **sums** of these **addends**:

24	375	$ 1 . 16
+74	+ 353	+$ 2 . 85

Look at the following number:

672

What is 100 more?_____   What is 100 less?_____

Find the **differences** in these subtraction problems. (Remember the difference is the answer to a subtraction problem).

34	78	26	17
– 12	– 46	– 15	– 11

Predict what will happen:

A bag has 2 yellow candies and 15 blue candies. If you pick one out of the bag is it **more likely** to be yellow or blue? _____

Look at this representation of a cube.
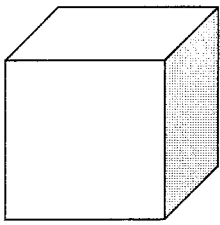
1) How many **faces** (sides) are there? _____
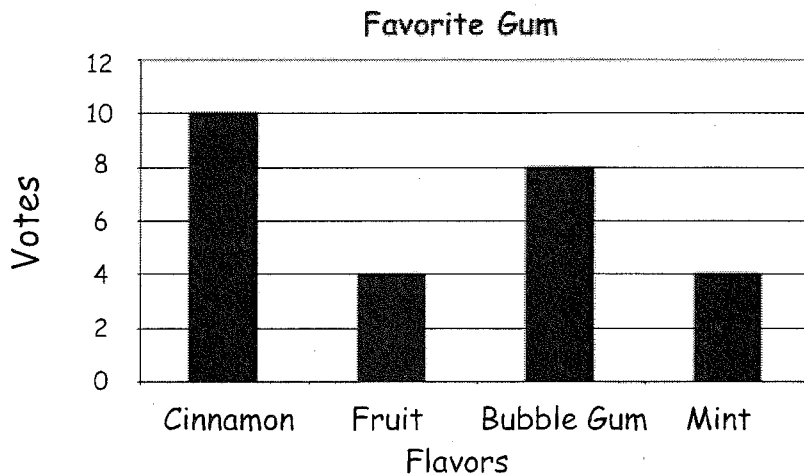
2) How many **edges** are there? _____

3) How many **vertices** (corners) are there? _____

Extend this **growing pattern** (it gets bigger):

2, 4, 6, 8, _____, _____, _____

Extend this **repeating pattern** (it repeats):

A B B A B B _____ _____ _____

Favorite Gum

How many **total** kids voted for their favorite gum?_____

Name_____

9	9	9	9	9	9	9	9	9	9
x0	x1	x2	x3	x4	x5	x6	x7	x8	x9

Circle the correct answer:

My teacher will be happy if I do my homework.

certain   **likely**   **possible**   **impossible**

Favorite Sandwich

Peanut Butter   Cheese

Malik   Erin Jo   Jose
Jaxon Rosava   Kuger   Mike
Jessica   Matt   Shauna Ann   Zade   April
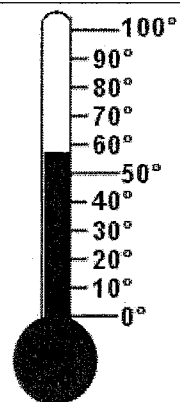Angel Juma   Steve   Amy   Carie
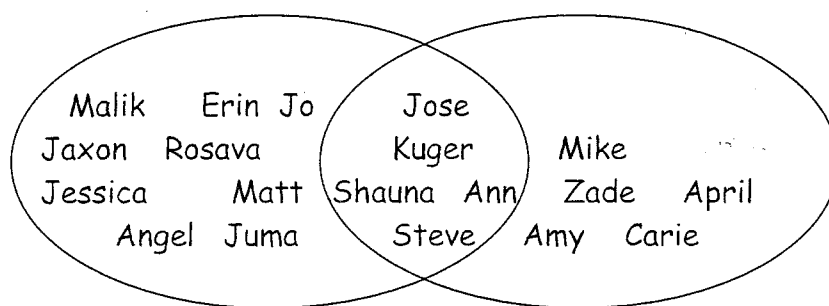
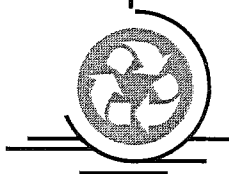Make a **prediction** about what sack lunches the teacher will order for the fieldtrip based on this Venn Diagram: _____

_____

Why?_____

The **temperature** on this **thermometer** is closest to:

a) 50° Fahrenheit
b) 60° Fahrenheit
c) 70° Fahrenheit
d) 80° Fahrenheit

—100°
—90°
—80°
—70°
—60°
—50°
—40°
—30°
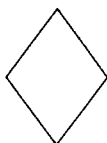—20°
—10°
—0°

What **pattern** do you see?

_____

_____

_____

_____
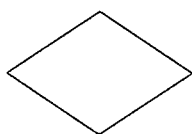
Write a story problem using this **number sentence**: 6 - 3 = 3

Are these two polygons **congruent** (the same size and the same shape)?

yes   no

Draw 2 lines of **symmetry** on this rectangle:

Find the **numerical value** being represented by the **symbol** that will make the statement true:
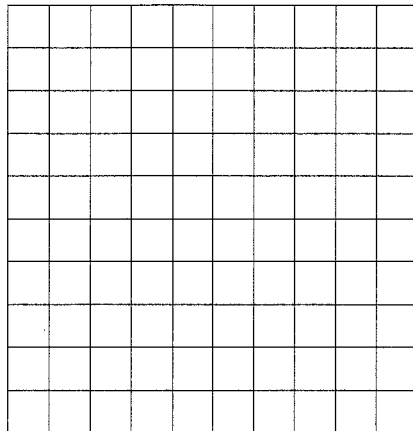
+ 9 = 15

(Hint...You can use fact families to help you!)

Name_____

10	10	10	10	10	10	10	10	10	10	10
x0	x1	x2	x3	x4	x5	x6	x7	x8	x 9	x10

Draw an **array** showing the multiplication sentence 7 x 6 = 42.

Draw a picture for the following problem. Then choose the **algorithm** that shows how to solve the problem:

We had four 6-packs of soda for our class party. How many cans of soda were there **all together**?

a) 6 - 4 = 2
b) 4 + 6 = 10
c) 6 + 4 = 10
d) 6 x 4 = 24

Solve this **equation** by making both sides equal.

$$7 + 0 = 8 - \bigcirc$$

Compare these two **expressions** using < > or =.
(Hint--find the total for each side first!)

$$10 - 5 \bigcirc 5 + 1$$

Write **directions** to tell how to get from our classroom to the gym.
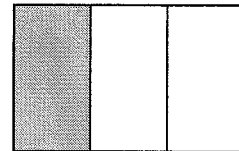

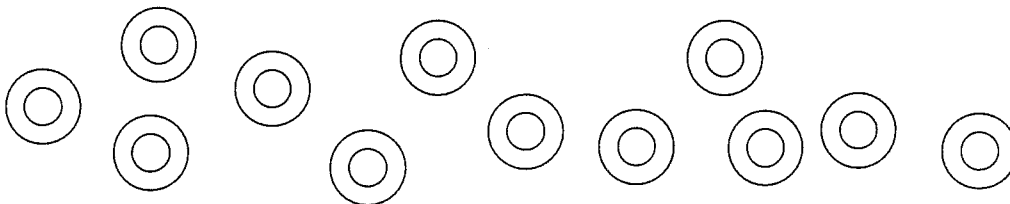Circle the correct answer.
This shape is **divided** into:
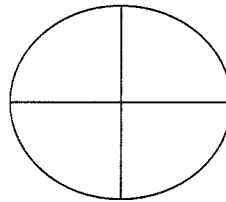
halves   thirds   fourths   fifths   sixths   eighths

What **fraction** is shaded?

_____

Divide these into 3 equal **sets** (groups).

Name_____

Divide this into 2 equal parts:

Represent this model with a division sentence:

_____ ÷ _____ = _____

We know that addition and subtraction are **inverse operations** (opposites of each other). They make up fact families. For example:

$$3 + 4 = \underline{7} \qquad 7 - 4 = 3$$
$$4 + 3 = \underline{7} \qquad 7 - 3 = 4$$

<u>Multiplication and division are also inverse operations</u>. Use these three digits to make 4 facts that are related using x and ÷.

4	20	5

_____ x _____ = _____   _____ ÷ _____ = _____

_____ x _____ = _____   _____ ÷ _____ = _____

What time is shown on this clock?
_____ or
a) two o'clock
b) quarter past two
c) half past two
d) quarter to three
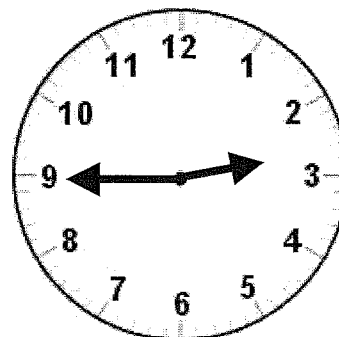
Write a fraction with a **numerator** of 3 and a **denominator** of 4.

The **numerator** is the number on top...

The **denominator** is downstairs!

_____
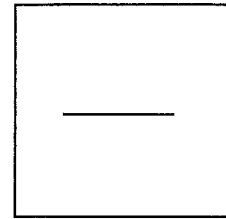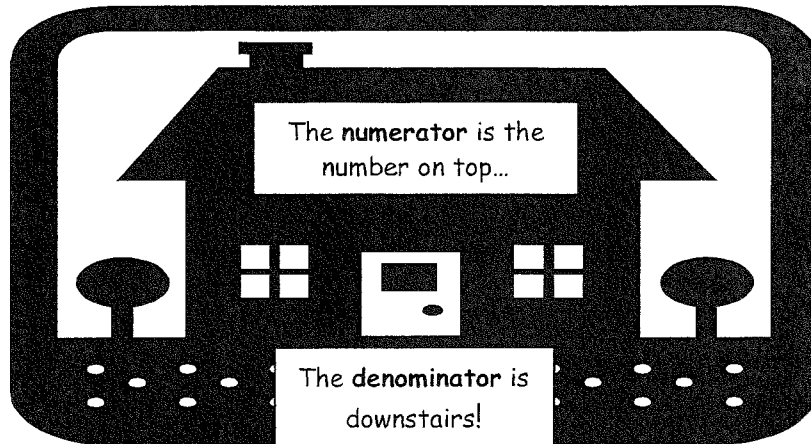
Compare these two fractions using < > or =.
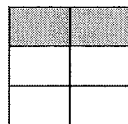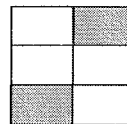
$\frac{2}{6}$ $\frac{2}{6}$

May

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1) How many Mondays are in this month?_____

2) Find the date May 15th. What **day** is that?_____

3) What is the **date** of the 2nd Tuesday?_____

Name_____

Perimeter, perimeter
you get around a lot.
I've got to add up all your sides   2 feet
To see just how much length you've got!_____

Area ... oh area ...
I know that you're inside!
I will multiply two touching sides   4 feet
To see how much you're trying to hide!_____

How much is this worth? Write your answer in **decimal notation**.

_____

Measure this line to the nearest centimeter.   _____ cm

Measure this line to the nearest inch.   _____ inches

Measure this line to the nearest $\frac{1}{2}$ inch.   a) $3\frac{1}{2}$ inches

b) 4 inches

c) $4\frac{1}{2}$ inches

Directions:
Solve each math problem. Then find the answer and write the letter in the correct place to solve the riddle.

Why don't lobsters share? $\underline{T}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$

$\quad\quad\quad\quad\quad\quad\quad\quad\quad$ 1$\quad$2$\quad$3$\quad$4$\quad\quad$5$\quad$6$\quad$7

$\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$ $\underline{}$.
8$\quad$9$\quad$10$\quad$11$\quad$12$\quad$13$\quad$14$\quad$15$\quad$16

1.
$$\begin{array}{r} \overset{1\ 1}{5\ 2\ 8} \\ +2\ 8\ 9 \\ \hline 8\ 1\ 7 \end{array}$$

2.
$$\begin{array}{r} 7\ 3\ 4 \\ -5\ 5\ 2 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 4\ 3\ 7 \\ +6\ 2\ 9 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 5\ 3\ 2 \\ -1\ 4\ 3 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 4\ 4\ 3 \\ +5\ 7\ 2 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 8\ 7\ 4 \\ -3\ 6\ 2 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 2\ 6\ 3 \\ +5\ 2\ 8 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 7\ 9\ 3 \\ -5\ 2\ 8 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 7\ 5\ 4 \\ +1\ 4\ 6 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 6\ 6\ 3 \\ -4\ 2\ 2 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 5\ 3\ 6 \\ +5\ 7\ 4 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 6\ 5\ 3 \\ -2\ 9\ 1 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 6\ 9\ 8 \\ +3\ 2\ 7 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 9\ 2\ 0 \\ -5\ 3\ 7 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 7\ 6\ 3 \\ +2\ 8\ 8 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 6\ 3\ 0 \\ -2\ 8\ 4 \\ \hline \end{array}$$

~~T. 817~~	R. 512	L. 362	Y. 389	H. 900	E. 791
I. 383	E. 241	H. 182	H. 346	F. 1025	
S. 265	A. 1015	S. 1051	L. 1110	E. 1066	

Name _____   Date _____

MULTIPLICATION COLOR BY NUMBER

63 light blue **18** pink   **54** brown   **0** yellow   **27** gray
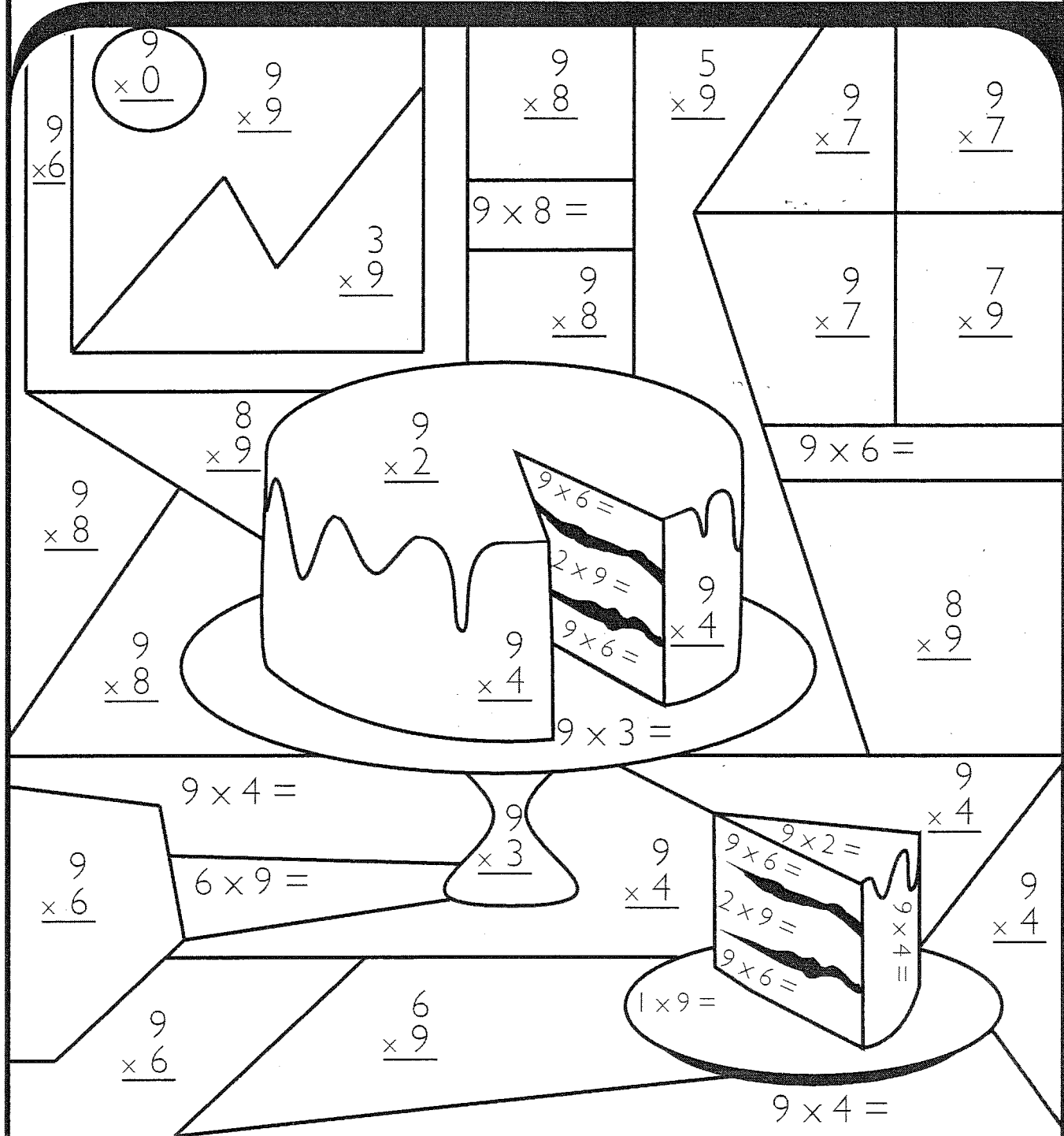
36 light brown **45** light brown **81** blue   **72** green   **9** red

Multiply. Then, use the color code to complete the picture.

9×0

9×9

9×6

3×9

9×8

9×5

9×7

9×7

$9 \times 8 =$

9×8

9×7

7×9

$9 \times 6 =$

8×9

9×2

$9 \times 6 =$

$2 \times 9 =$

$9 \times 6 =$

9×4

9×8

9×8

9×4

8×9

$9 \times 3 =$

$9 \times 4 =$

9×3

9×4

9×4

9×6

$6 \times 9 =$

9×6

6×9

$9 \times 2 =$

$9 \times 6 =$

$2 \times 9 =$

$9 \times 6 =$

$9 \times 4 =$

$1 \times 9 =$

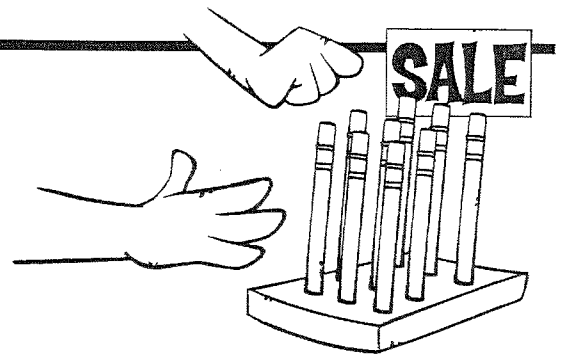$9 \times 4 =$

Review: Multiplication

Solve each word problem with multiplication.
Show your work.

1. Jason and Kevin each purchased 6 striped pencils from Mr. Kelly's store. What was the total number of pencils that the boys purchased?

2. Jessica purchased 8 blue pencils that cost 7¢ each. What was the total cost of her pencils?

3. Andy bought nine superhero pencils that cost 8¢ each. How much money did Andy spend?

4. Lisa bought four sparkly pencils that cost 9¢ each. How much did Lisa spend?

5. Later, Lisa returned two of her 9¢ pencils to the store. How much money did she get back?

6. A teacher bought five boxes of pencils. Each box holds six pencils. How many pencils did the teacher buy altogether?

7. David bought four green pencils that cost 5¢ each. How much money did David spend?

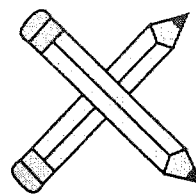8. Monica bought three pencils for each of her three friends. How many pencils did she buy?

Multiplication Practice
Fill in the missing number

Test your multiplication skills by writing in the correct number to make the problem true.

1. $8 \times \boxed{} = 40$

2. $6 \times \boxed{} = 18$

3. $5 \times \boxed{} = 55$

4. $4 \times \boxed{} = 16$

3. $9 \times \boxed{} = 36$

6. $7 \times \boxed{} = 21$

7. $2 \times \boxed{} = 18$

8. $4 \times \boxed{} = 20$

9. $3 \times \boxed{} = 27$

10. $10 \times \boxed{} = 100$

11. $9 \times \boxed{} = 63$

12. $8 \times \boxed{} = 56$

13. $12 \times \boxed{} = 72$

14. $6 \times \boxed{} = 30$

15. $7 \times \boxed{} = 0$

16. $5 \times \boxed{} = 15$

17. $4 \times \boxed{} = 28$

18. $8 \times \boxed{} = 24$

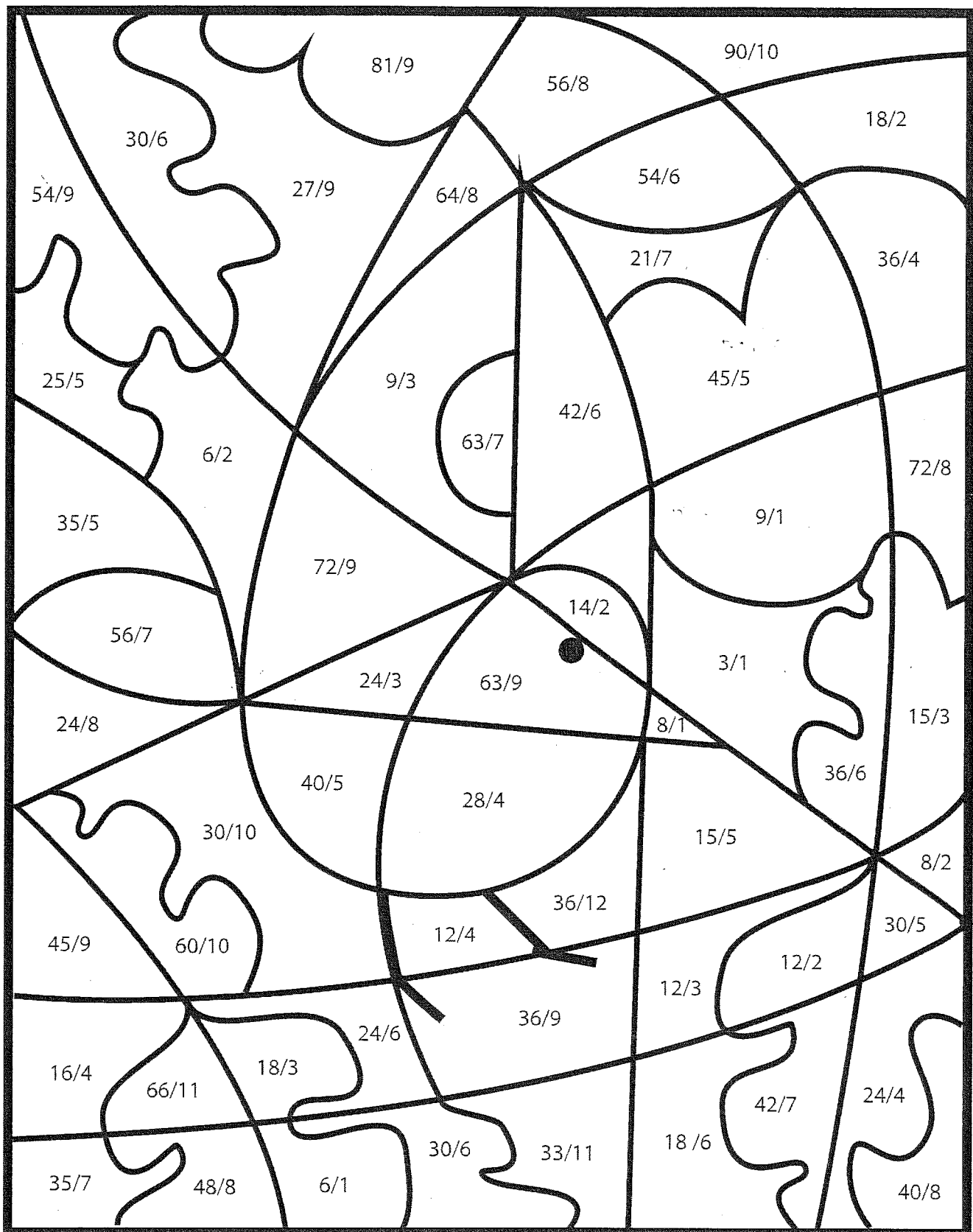19. $11 \times \boxed{} = 121$

20. $2 \times \boxed{} = 8$

21. $9 \times \boxed{} = 54$

COLOR BY NUMBER

Solve the following division problems. Color based on the answers matching to the color key.
SKY BLUE : 3   BROWN : 4   DARK GREEN : 5   GREEN : 6   RED : 7   YELLOW : 8   WHITE: 9

81/9

90/10

56/8

18/2

30/6

54/6

54/9

27/9

64/8

21/7

36/4

25/5

9/3

42/6

45/5

63/7

72/8

6/2

9/1

35/5

72/9

14/2

56/7

3/1

24/3

63/9

24/8

8/1

15/3

40/5

36/6

28/4

30/10

15/5

8/2

36/12

30/5

45/9

60/10

12/4

12/2

12/3

16/4

18/3

24/6

36/9

42/7

24/4

66/11

30/6

33/11

18 /6

35/7

48/8

6/1

40/8

Picnicking Signs

The multiplication and division signs are having a picnic. While they're gone, it's up to you to fill in the missing **multiplication** or **division sign** in each equation.

8 2 = 16	7 9 = 63	40 8 = 5
3 7 = 21	64 8 = 8	56 7 = 8
24 4 = 6	36 4 = 9	30 5 = 6
4 4 = 16	4 5 = 20	6 3 = 18
54 6 = 9	21 7 = 3	5 6 = 30
12 3 = 4	2 9 = 18	49 7 = 7
9 3 = 27	8 4 = 32	2 6 = 12
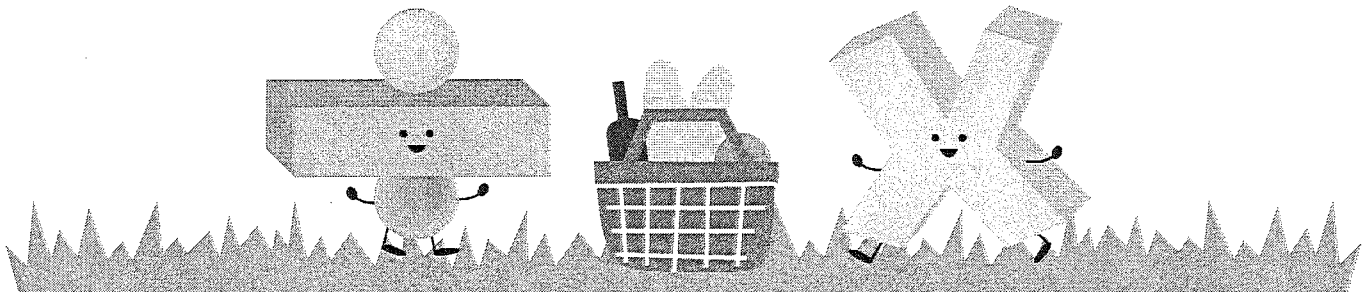
Summer Word Problems

Use addition, subtraction, multiplication or division to solve
the following word problems.

1. Kim invites 12 of her friends to a backyard BBQ. If she plans for each
   person to eat 3 hot dogs, how many hot dogs must she buy?

   _____

2. The Johnson family is taking a vacation in Southern California. They plan
   to spend 3 days in Los Angeles, 2 days in San Diego and 4 days in Santa
   Barbara. How many days will they spend on vacation?

   _____

3. Stan and Lisa visit the county fair. If they wait in line for 15 minutes to
   ride each attraction, how many attractions can they ride in 4 hours?

   _____

4. Allen attended his first baseball game last summer. If the 9-inning game
   lasted 3 hours, what was the average amount of time each inning lasted?

   _____

5. Gina builds 24 sand castles at the beach. If a wave knocks down 13 of
   them, how many sand castles are left?

   _____