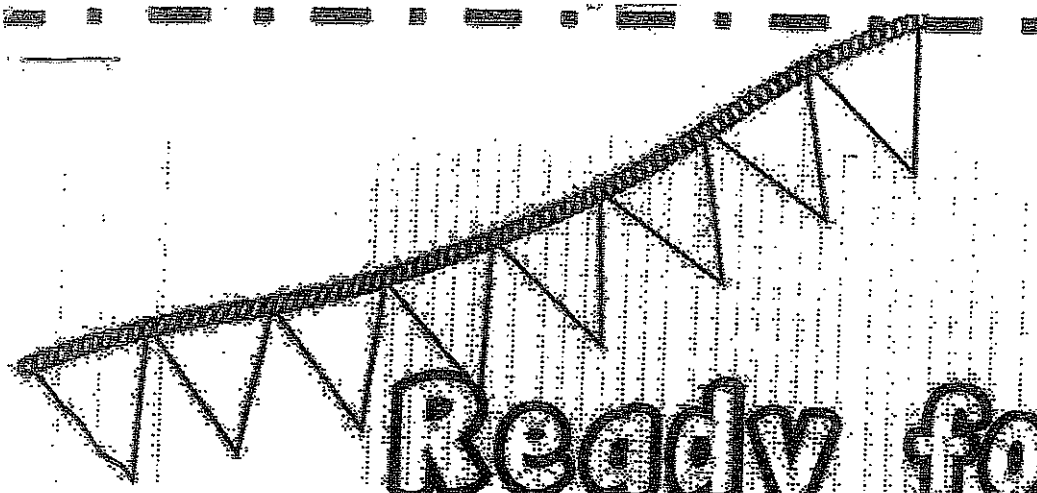


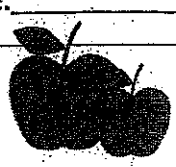
Ready for Fourth Grade Summer Review Packet

Name:_____

Due By:_____

Place Value & Expanded Form

Name:_____ Date:_____



Fill in the missing numbers in the box.
Then write out the place values on the line provided.

1. 610 = [600] + [10] =

Six hundreds, one ten.

2. 346 = [ ] + 40 + [ ] =

_____

3. 967 = [ ] + [ ] + 7 =

_____

4. 5485 = 5000 + [ ] + [ ] + [ ] =

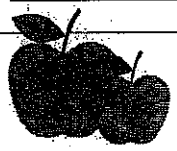
_____

5. 2094 = [ ] + 0 + 90 + [ ] =

_____

Place Value & Expanded Form

Name:_____ Date:_____



Fill in the missing numbers in the box.
Then write out the place values on the line provided.

6. 3912 = ☐ + 900 + ☐ + ☐ =

_____

7. 10,495 = 10,000 + ☐ + 90 + ☐ =

_____

8. 92,401 = ☐ + ☐ + ☐ + 1 =

_____

9. 668,935 = ☐ + ☐ + ☐ + ☐ + 30 + 5 =

_____

_____

10. 304,598 = ☐ + ☐ + 500 + ☐ + 8

Check Your Work: To Three-Digit Subtraction

Name:_____ Date:_____

Solve each subtraction problem below. Then add the differences to check your work.

1. 24 − 5 = ☐ ; ☐ + 5 = 24

2. 95 − 88 = ☐ ; ☐ + 88 = 95

3. 513 − 423 = ☐ ; ☐ + 423 = 513

4. 81 − 73 = ☐ ; ☐ + 73 = 81

5. 91 − 34 = ☐ ; ☐ + 34 = 91

6. 74 − 66 = ☐ ; ☐ + 66 = 74

7. 968 − 920 = ☐ ; ☐ + 920 = 968

8. 94 − 77 = ☐ ; ☐ + 77 = 94

9. 93 − 56 = ☐ ; ☐ + 56 = 93

10. 107 − 82 = ☐ ; ☐ + 82 = 107

11. 711 − 618 = ☐ ; ☐ + 618 = 711

12. 71 − 49 = ☐ ; ☐ + 49 = 71

Name _____ Date _____

MULTIPLY BY POWERS OF 10

Multiply by powers of ten in each of the exercises below.

EXAMPLE:

3 × 1 = 3 (three ones)

3 × 10 = 30 (three tens)

3 × 100 = 300 (three hundreds)

3 × 1,000 = 3,000 (three thousands)

5 × 1 = _____	6 × 1 = _____	8 × 1 = _____
5 × 10 = _____	6 × 10 = _____	8 × 10 = _____
5 × 100 = _____	6 × 100 = _____	8 × 100 = _____
5 × 1,000 = _____	6 × 1,000 = _____	8 × 1,000 = _____
20 × 1 = _____	30 × 1 = _____	70 × 1 = _____
20 × 10 = _____	30 × 10 = _____	70 × 10 = _____
20 × 100 = _____	30 × 100 = _____	70 × 100 = _____
20 × 1,000 = _____	30 × 1,000 = _____	70 × 1,000 = _____
45 × 1 = _____	56 × 1 = _____	29 × 1 = _____
45 × 10 = _____	56 × 10 = _____	29 × 10 = _____
45 × 100 = _____	56 × 100 = _____	29 × 100 = _____
45 × 1,000 = _____	56 × 1,000 = _____	29 × 1,000 = _____
9 × 4 = _____	90 × 4 = _____	900 × 4 = _____
9 × 40 = _____	90 × 40 = _____	900 × 40 = _____
9 × 400 = _____	90 × 400 = _____	900 × 400 = _____
9 × 4,000 = _____	90 × 4,000 = _____	900 × 4,000 = _____

Multiplication and the Commutative Property

Name:_____ Date:_____

One of the multiplication properties is commutative, which means that you can multiply numbers in any order and get the same product.

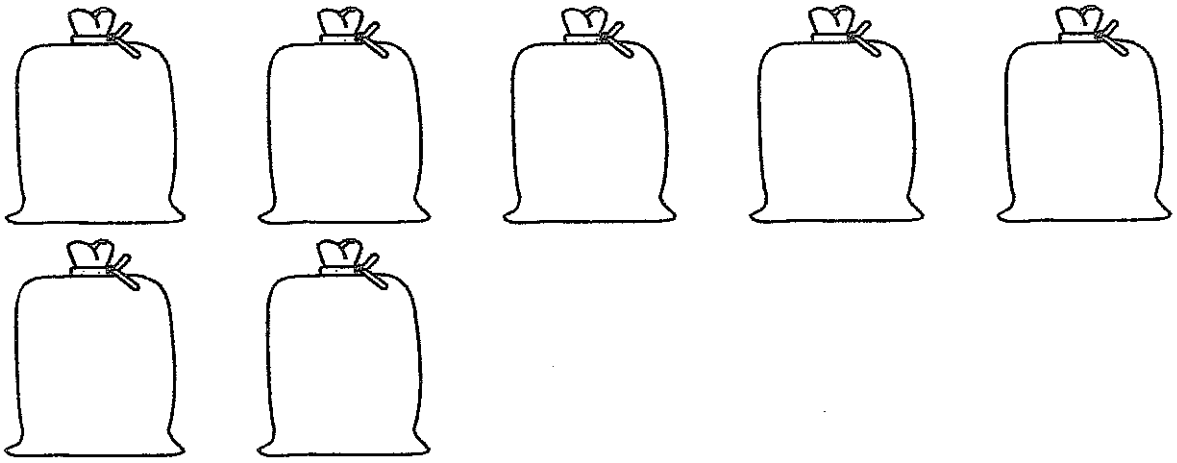
$$A \times B = B \times A$$

Find the missing number in the equations following the commutative property rule. Then answer the questions below.

1. $5 \times 4 = 4 \times \square$ 2. $7 \times 3 = 3 \times \square$

3. Jenny has five sacks of baby socks. Each bag contains eight socks. Draw the items in each bag. How many socks does Jenny have?

4. Raoul has seven sacks of baby mittens. Each sack contains four mittens. Draw the items in each bag. How many mittens does Raoul have?



5. Write the multiplication equations for each Jenny and Raoul's baby clothes using the commutative property.

_____ x _____ = _____ x _____
_____ x _____ = _____ x _____

More Multiplication Comparisons

Name:_____ Date:_____

Directions: Test your multiplication skills by writing in the correct symbol: >, < or =.

1. 13 x 0 ☐ 2 x 1	2. 12 x 5 ☐ 10 x 6	3. 5 x 5 ☐ 6 x 4
4. 12 x 3 ☐ 6 x 6	5. 4 x 3 ☐ 5 x 2	6. 6 x 5 ☐ 7 x 3
7. 6 x 9 ☐ 7 x 8	8. 12 x 4 ☐ 9 x 5	9. 8 x 3 ☐ 6 x 4
10. 8 x 4 ☐ 6 x 6	11. 5 x 4 ☐ 9 x 2	12. 13 x 0 ☐ 2 x 1
13. 9 x 5 ☐ 7 x 8	14. 3 x 3 ☐ 4 x 2	15. 11 x 6 ☐ 7 x 9
16. 6 x 3 ☐ 4 x 4	17. 5 x 2 ☐ 7 x 1	18. 7 x 7 ☐ 6 x 8
19. 10 x 5 ☐ 7 x 6	20. 7 x 4 ☐ 14 x 2	21. 9 x 4 ☐ 5 x 8

More Mixed Minute Math

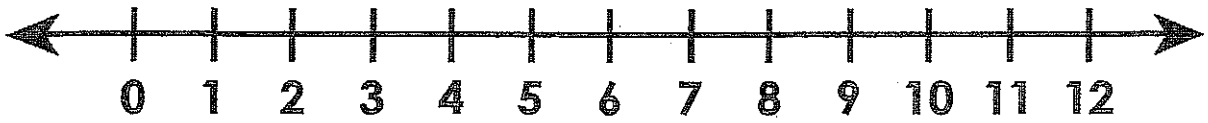
Name:_____ Date:_____

Directions: See how many of the following mixed math problems you can do in one minute!

64 ÷ 8	2 × 1	6 + 8	16 ÷ 8	16 ÷ 2	20 ÷ 4
18 ÷ 2	3 × 4	1 + 8	3 + 6	4 + 9	2 × 1
63 ÷ 7	9 − 7	18 ÷ 6	3 + 4	6 + 7	7 ÷ 1
7 − 7	7 − 3	4 − 3	1 × 3	6 × 1	5 + 3
8 × 3	40 ÷ 5	2 + 4	8 × 5	7 + 5	7 × 1
3 − 1	3 − 2	9 × 8	8 − 5	7 + 8	3 + 3
9 − 4	6 + 6	7 × 5	3 + 5	6 − 4	9 × 1
63 ÷ 9	8 × 9	4 − 3	18 ÷ 9	7 × 2	3 ÷ 3

Gymnastics: Multi-step Addition and Subtraction

The gymnasts are awarded points for difficult moves and have points taken away for mistakes. Read the word problems. Underline the important information. Use the number line to help you solve each problem.



1. Marissa is performing her floor routine for the competition. She starts off with a set of triple cartwheels. She does them almost perfectly. She earns 2 points for each cartwheel, but gets 1 point taken away for an extra step on the landing. How many points did she earn?

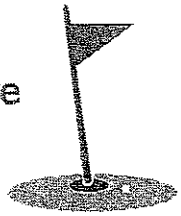
2. Elisa begins her routine on the uneven bars. She earns 3 points for doing a perfect straddle back. She earns another 2 points for doing a double tuck. She then pulls off a pike for another point. How many points has Elisa earned?

3. Amelia is a pro on the balance beam. She earns 5 points for doing a walk-over, 4 points for doing three somersaults in a row, and 3 points for a round-off. Amelia loses 1 point for a shaky dismount. What was Amelia's final score?

4. Jasmine does her floor routine for gymnastics and starts off by earning 6 points for doing five back flips in a row, but she falls and loses 3 points. She earns back 2 points for a perfect cartwheel but loses 1 point for forgetting to point her toes. What was Jasmine's final score?

Sports Word Problems

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



1. Ryan bought 30 golf balls before the season started. At the end of the season, he only had 13 balls left. How many golf balls did Ryan lose?

_____

2. Sandra played for 4 minutes in the championship basketball game. Her friend Diane played seven times as long as Sandra. How many minutes did Diane play in the game?

_____

3. The Jefferson High School football team scored 38 points in Friday's game. If the team scored 14 points in the first half, how many points did it score in the second half?

_____

4. There are 9 players on every baseball team in the tournament. If there are 8 teams in the tournament, how many players are there in all?

_____

5. Randy scored 15 goals, Carl scored 11 goals and Dean scored 13 goals this soccer season. How many goals did the boys score in all?

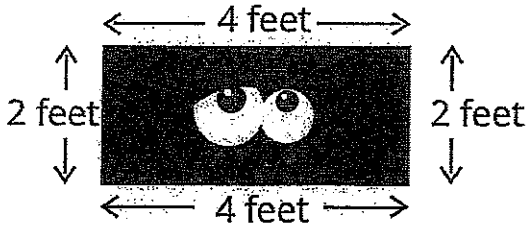
_____

Geometry Basics: More Perimeters

Name:_____ Date:_____

Geometry: Perimeter

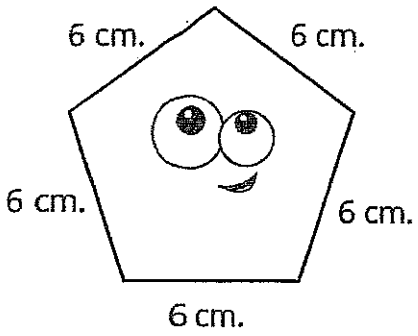
The perimeter of a polygon is equal to the distance around it.



2 feet
4 feet
2 feet
+ 4 feet
12 feet

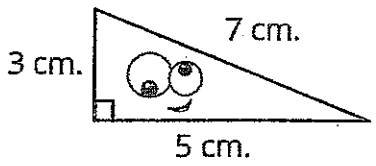
Directions: Calculate the perimeter for the following polygons.

1.



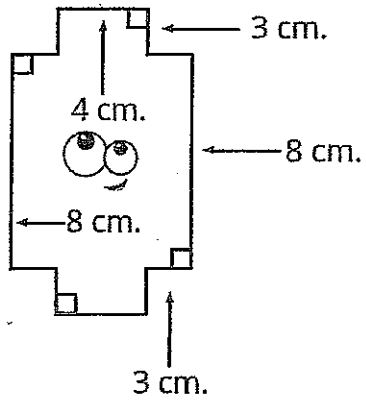
perimeter = _____ cm.

2.



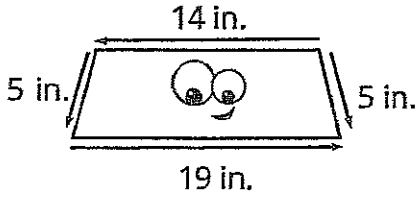
perimeter = _____ cm.

3.



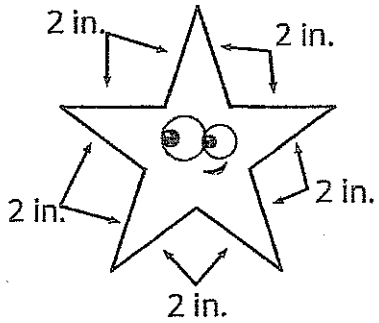
perimeter = _____ cm.

4.



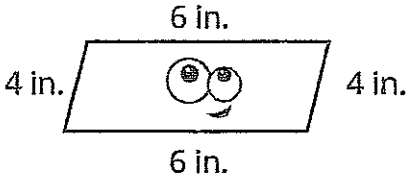
perimeter = _____ in.

5.



perimeter = _____ in.

6.



perimeter = _____ in.

Name _____ Time _____

Number Correct _____ /100

Multiplication • All The Facts

9 x 8 = _____	5 x 5 = _____	2 x 2 = _____	3 x 4 = _____	5 x 4 = _____
5 x 6 = _____	6 x 1 = _____	3 x 4 = _____	1 x 3 = _____	2 x 3 = _____
1 x 0 = _____	5 x 8 = _____	0 x 3 = _____	2 x 1 = _____	6 x 8 = _____
5 x 2 = _____	4 x 8 = _____	1 x 1 = _____	9 x 0 = _____	3 x 8 = _____
2 x 2 = _____	4 x 5 = _____	2 x 6 = _____	1 x 9 = _____	2 x 7 = _____
3 x 7 = _____	9 x 7 = _____	1 x 8 = _____	7 x 3 = _____	3 x 4 = _____
1 x 5 = _____	2 x 4 = _____	9 x 5 = _____	8 x 4 = _____	7 x 1 = _____
5 x 9 = _____	9 x 3 = _____	8 x 2 = _____	2 x 9 = _____	1 x 2 = _____
9 x 0 = _____	7 x 6 = _____	6 x 7 = _____	6 x 6 = _____	4 x 2 = _____
6 x 3 = _____	8 x 8 = _____	7 x 1 = _____	8 x 3 = _____	6 x 9 = _____
8 x 7 = _____	6 x 5 = _____	1 x 6 = _____	8 x 9 = _____	7 x 5 = _____
3 x 3 = _____	3 x 1 = _____	4 x 9 = _____	7 x 8 = _____	5 x 3 = _____
8 x 9 = _____	7 x 7 = _____	7 x 2 = _____	6 x 0 = _____	5 x 1 = _____
5 x 7 = _____	7 x 4 = _____	5 x 0 = _____	4 x 9 = _____	2 x 8 = _____
9 x 9 = _____	6 x 8 = _____	4 x 6 = _____	5 x 3 = _____	2 x 9 = _____
1 x 9 = _____	7 x 0 = _____	6 x 2 = _____	5 x 5 = _____	4 x 1 = _____
4 x 6 = _____	7 x 9 = _____	6 x 7 = _____	4 x 4 = _____	2 x 0 = _____
8 x 7 = _____	4 x 7 = _____	8 x 8 = _____	7 x 8 = _____	2 x 7 = _____

4 x 8 = _____	9 x 9 = _____	3 x 9 = _____	2 x 7 = _____	4 x 1 = _____
5 x 8 = _____	6 x 9 = _____	5 x 3 = _____	7 x 7 = _____	8 x 4 = _____

Name _____ Date _____

$7\overline{)35}$	$2\overline{)8}$	$5\overline{)10}$	$6\overline{)36}$	$\begin{array}{r} 4 \\ \times\ 6 \end{array}$	$2\overline{)4}$	$9\overline{)36}$	$1\overline{)1}$	$\begin{array}{r} 5 \\ \times\ 9 \end{array}$
$2\overline{)2}$	$\begin{array}{r} 8 \\ \times\ 6 \end{array}$	$\begin{array}{r} 6 \\ \times\ 6 \end{array}$	$\begin{array}{r} 4 \\ \times\ 7 \end{array}$	$\begin{array}{r} 4 \\ \times\ 8 \end{array}$	$\begin{array}{r} 7 \\ \times\ 2 \end{array}$	$\begin{array}{r} 6 \\ \times\ 5 \end{array}$	$\begin{array}{r} 2 \\ \times\ 8 \end{array}$	$7\overline{)49}$
$6\overline{)24}$	$\begin{array}{r} 2 \\ \times\ 1 \end{array}$	$6\overline{)6}$	$\begin{array}{r} 2 \\ \times\ 5 \end{array}$	$6\overline{)54}$	$\begin{array}{r} 2 \\ \times\ 6 \end{array}$	$\begin{array}{r} 9 \\ \times\ 9 \end{array}$	$\begin{array}{r} 8 \\ \times\ 8 \end{array}$	$\begin{array}{r} 5 \\ \times\ 2 \end{array}$
$\begin{array}{r} 3 \\ \times\ 3 \end{array}$	$4\overline{)16}$	$\begin{array}{r} 6 \\ \times\ 8 \end{array}$	$9\overline{)72}$	$9\overline{)45}$	$\begin{array}{r} 3 \\ \times\ 9 \end{array}$	$\begin{array}{r} 1 \\ \times\ 1 \end{array}$	$6\overline{)30}$	$\begin{array}{r} 4 \\ \times\ 3 \end{array}$
$\begin{array}{r} 6 \\ \times\ 2 \end{array}$	$1\overline{)3}$	$\begin{array}{r} 3 \\ \times\ 1 \end{array}$	$1\overline{)2}$	$9\overline{)9}$	$8\overline{)24}$	$\begin{array}{r} 2 \\ \times\ 2 \end{array}$	$8\overline{)56}$	$1\overline{)6}$
$7\overline{)28}$	$\begin{array}{r} 3 \\ \times\ 2 \end{array}$	$4\overline{)12}$	$\begin{array}{r} 9 \\ \times\ 5 \end{array}$	$9\overline{)18}$	$7\overline{)56}$	$\begin{array}{r} 7 \\ \times\ 8 \end{array}$	$2\overline{)16}$	$\begin{array}{r} 9 \\ \times\ 3 \end{array}$
$\begin{array}{r} 1 \\ \times\ 8 \end{array}$	$3\overline{)15}$	$\begin{array}{r} 9 \\ \times\ 1 \end{array}$	$4\overline{)4}$	$\begin{array}{r} 6 \\ \times\ 3 \end{array}$	$8\overline{)8}$	$6\overline{)18}$	$\begin{array}{r} 8 \\ \times\ 1 \end{array}$	$\begin{array}{r} 7 \\ \times\ 7 \end{array}$
$5\overline{)20}$	$\begin{array}{r} 4 \\ \times\ 9 \end{array}$	$\begin{array}{r} 4 \\ \times\ 2 \end{array}$	$\begin{array}{r} 3 \\ \times\ 6 \end{array}$	$\begin{array}{r} 7 \\ \times\ 3 \end{array}$	$\begin{array}{r} 2 \\ \times\ 9 \end{array}$	$\begin{array}{r} 2 \\ \times\ 7 \end{array}$	$4\overline{)36}$	$2\overline{)12}$
$\begin{array}{r} 8 \\ \times\ 5 \end{array}$	$7\overline{)21}$	$\begin{array}{r} 8 \\ \times\ 7 \end{array}$	$\begin{array}{r} 7 \\ \times\ 1 \end{array}$	$\begin{array}{r} 5 \\ \times\ 4 \end{array}$	$3\overline{)6}$	$\begin{array}{r} 3 \\ \times\ 5 \end{array}$	$\begin{array}{r} 1 \\ \times\ 5 \end{array}$	$4\overline{)8}$