Math Summer Review for students entering 4th grade

Success in learning math comes through practice, practice, and more practice. The following problems present a brief summary of the math skills and concepts that your third grader needs to know and was taught this year. These are only a few problems for your child to practice before he or she begins fourth grade. He or she should also continue to practice multiplication and division facts introduced this year.

Writing 4 digit numbers in word form and identifying place value to thousands:

Write 7,351 in word form:

_____

_____

The 5 is in the _____ place.

The 7 is in the _____ place

The 1 is in the _____ place.

The 3 is in the _____ place.

Rounding Numbers:

1. 23 rounded to the nearest ten is _____.
2. 362 rounded to the nearest hundred is _____.
3. 8,257 rounded to the nearest thousand is _____.
4. 748 rounded to the nearest ten is _____.
5. 652 rounded to the nearest hundred is _____.

Comparing and Ordering Number:

1. Order the following numbers from **least** to **greatest**:

4,567 5,892 3,853 5,889

_____

2. Order the following numbers from greatest to least:

596 560 575 556 765 743 621

_____

More than one operation:

Solve each of the following:

1. (10 + 2) - (6 + 2) =

_____

2. (9 x 4) + (6 x 5) =

_____

3. (36 ÷ 6) ÷ (4 - 1) =

_____

Equations and Inequality:

Solve each of the following using <, >, or =:

1. 8 x 6 _____ 82 - 31
2. 63 ÷ 9 _____ 3 x 2
3. 21 + 11 _____ 4 x 8

Sums and Differences of Four-Digit Numbers:

1. 2,635 + 3,728

2. 3,584 + 723 + 19 + 250

3. 4,000 - 2,896

4. 3,037 - 1,682

Adding and Subtracting Amounts of Money:

1. $85.87
   - 13.48

2. $51.68
   2.80
   0.56
   + 12.84

Elapsed Time and A.M and P.M: Use a number line to solve elapsed time problems.

1.Find how many minutes it is from 2:35 to 3:18.

2.Do you get up and get dressed at 7:30 A.M. or 7:30 P.M.?

3. Whitney folded laundry for 25 minutes. Then she worked on a puzzle for 42 minutes. Whitney began folding laundry at 8:20 A.M. at what time did Whitney stop working on the puzzle?

4. Trent left to take his dog for a walk at 6:25 P.M. He returned home from his walk at 6:51 P.M. How long was Trent's walk?

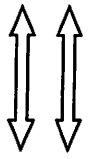
Writing Dates:

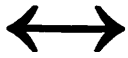
Write October 31, 2018 using only numbers: _____

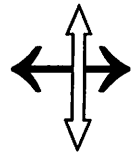
Geometry - Polygons, Angles, Congruent Figures, Symmetric Figures,

Perimeter, Area, Solids

Identify the following lines as: horizontal, vertical, perpendicular or parallel







_____ _____ _____ _____

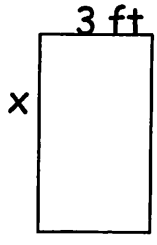
1.What is the perimeter of a triangle whose sides are 3 cm, 4 cm, and 3cm?

_____

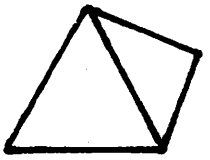
2.What is the area of a rectangle that is 6 ft. wide and 2 ft. high?

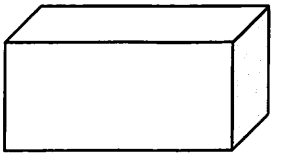
_____

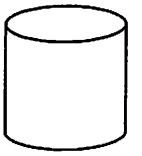
4. Casey wants to put fencing around the border of his rectangular lawn shown. He needs 18 feet of fencing. What is the length of the lawn?



5. Identify the following solid shapes as a rectangular prism, pyramid, or cylinder.







_____ _____ _____

Multiplying

1. 12 x 3

2. 11 x 7

3. 10 x 8

4. 9 x 9 =

Division:

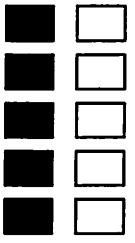
1. 64 ÷ 8 = _____

2. 108 ÷ 9 = _____

Fractions:

Write a fraction for the shaded parts:

1.  Fraction $\frac{\square}{\square}$

2.  Fraction $\frac{\square}{\square}$

3.Mariah, Malorie, and Kaitlyn are meeting at the mall. Mariah lives 5/6 mile from the mall. Malorie lives 2/6 mile from the mall. Kaitlyn lives 3/6 mile from the mall. Order the above fractions from least to greatest. Draw a model or number line if you need.

4. Jeremy and Matthew are doing a word search puzzle. Matthew found 1/3 of the words. Jeremy found $\frac{1}{2}$ of the words. Which statement is correct?

a. Jeremy found more words than Matthew.
b. Jeremy found fewer words than Matthew.
c. Matthew found more words than Jeremy.
d. Matthew and Jeremy found the same number of words.

5.Bennett is making coconut bars. He needs 1/3 cup coconut flakes, $\frac{1}{4}$ cup milk, and $\frac{1}{2}$ cup flour. Order the fractions from least to greatest.

6.Anna ate 1/8 of a pizza. Toby ate 1/6 of another pizza. The pizzas are the same size. Compare the fractions using <, >, or =.

Solve the word problems below. Be sure to show your thinking.

1. Lisa has saved up $28.50 for a party. She buys 8 party favors. Each favor cost $2.39. How much money does she have left after buying the favors?

2. Owen drove a total of 267 miles in 2 days. He drove 125 miles the first day. How many miles did he drive the second day?

3. The Party Popcorn Company sold 58 bags of cheese popcorn and 39 bags of nutty popcorn. How many more bags of cheese popcorn were sold than nutty popcorn?

4. Peter has 18 stamps. He wants to divide them into groups of 3. Write and solve an equation to show how many groups he will have.

5. Margaret has 35 green peppers. She wants to put 5 into each basket. Write and solve an equation to show how many baskets she needs.

6. At the beach, Andrea found 8 shells; Jeff found 5 times as many shells. How many shells did Jeff find?

7. Megan's truck gets 21 miles per gallon of gasoline. How far can she drive on 9 gallons?

8. Tatum has 32 marigold seeds. Ella gives her 31 more seeds. If Tatum wants to divide her seeds evenly into 7 pots, how many seeds will go in each pot?

9. Taniya earns $3 for washing the dishes and $2 for making her bed. If she does both of these chores each day for 5 days, how much money does she earn?

10. Calvin parks his car at 5:20. He only has two quarters to put in the parking meter which will pay for 30 minutes each. What time should he be back at his car?