Write the number in word form.

1. 560.08

2. 7.016

3. 24.47

4. 6,003

5. 3,005,600.07

Write the number in standard form.

6. Forty-five thousandths

7. Seventeen and seven hundredths

8. Five million, three hundred thousand, twenty-nine and six tenths

9. Six million and five thousandths

10. Two hundred eight thousand, four

List each group of numbers in order from least to greatest.

20, 4, .6, .08	246.8, 248.6, 244.9, 246.5
1.03, 2.4, .89, .987	14.8, 2.68, .879, 8.47
5.3, 5.129, 5.38, 5.29	54.89, 56.3, 58.1, 52.98

Operations with whole numbers and decimals (Show your work. Don't use a calculator.)

6,496 + 3,288	754 – 549	3,254 + 4,113
22- 9.56	54,398 + 64,508	3.547 + 9
921.32 – 197.8	500 – 133.6	23 + 404.1
200 x 10	6 x 532	200 x .5
3 x 52.1	77x24	123.4 x 5.6

Divide. Show your work! Remember, the first number is the dividend. This goes inside the "box" when you do long division. The second number is the divisor. This goes outside the "box" when you divide. If necessary, write your remainders as fractions in simplest form.

$414 \div 3$	$2000 \div 5$	$50 \div 7$
$811 \div 6$	$150 \div 12$	$214 \div 6$

Solve the following word problems. Decide what to do with your remainder for each.

The middle schoolers are going on a field trip to the Springer. There are 163 students. If a bus holds 72 students, how many busses are needed?	Tickets for rides at the carnival cost $2 each. If you have $31, how many tickets can you buy?	Two friends are sharing a pizza and decide to split the cost. If the total for the pizza is $13, how much will the each pay?

Simplify fractions (The first two have been done for you.)

$\dfrac{2}{4} \div \dfrac{2}{2} = \dfrac{1}{2}$	$\dfrac{6}{18} \div \dfrac{6}{6} = \dfrac{1}{3}$	$\dfrac{4}{16}$	$\dfrac{5}{55}$
$\dfrac{8}{12}$	$\dfrac{9}{21}$	$\dfrac{6}{24}$	$\dfrac{18}{18}$

Operations with fractions (Show your work. Remember you need a common denominator for adding and subtracting. Put answers in simplest form.)

$\dfrac{1}{3} + \dfrac{3}{4}$	$1\dfrac{2}{5} + 3\dfrac{3}{4}$	$\dfrac{5}{6} - \dfrac{1}{3}$	$2\dfrac{5}{6} - 1\dfrac{1}{2}$
$\dfrac{5}{6} \text{ x } \dfrac{1}{3}$	$\dfrac{5}{8} \text{ x } 6$	$\dfrac{5}{7} \text{ x } \dfrac{7}{9}$	$1\dfrac{4}{5} \text{ x } \dfrac{1}{3}$

Solve the following word problems. (Show your work.)

Krissy swam $\dfrac{2}{3}$ of a mile on Monday and $\dfrac{3}{4}$ of a mile on Wednesday. • How many miles did she swim over the two days? • If she wants to swim a total of 3 miles before Friday, how much farther does she need to swim?	Carla is training for a marathon. On Wednesday, she ran $5\dfrac{3}{8}$ miles for her workout. On Thursday, she ran $9\dfrac{4}{5}$ miles. How much farther did she run on Thursday than Wednesday?	Marcus has 36 markers in his case. Of those, $\dfrac{4}{9}$ are fabric markers. How many of his markers are <u>not</u> fabric markers?

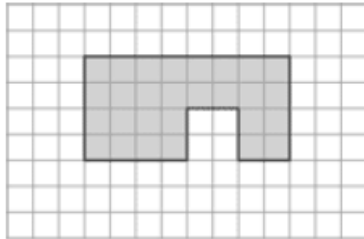# Find the area and perimeter of the following. (All units are in feet.)

A = _____

P = _____

A = _____

P = _____

7 ft

5 ft   5 ft   P = _____

7 ft

A = _____

P = _____

A = _____
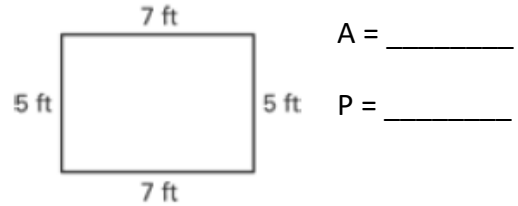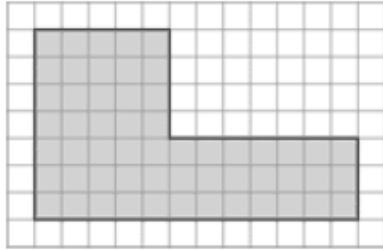
Where to go to get help or extra practice:

During the course of your math work this summer, you may need some assistance with deepening your understanding of the skills and concepts. You also might want to get some more practice. Here are some sites you can visit online:

IXL	https://www.ixl.com/standards/georgia/math/grade-5 has practice problems for all of the standards you should have learned last year. You could also preview some of the 6th grade ones if you have time.
https://www.funbrain.com/math-zone has math and logic games by grade level.	**FUNBRAIN**
KHAN ACADEMY	*Khan Academy* has helpful videos and self-guided practice problems for every grade level. Go to www.khanacademy.org to get started.
Coolmath.com	http://www.coolmath.com/ has help and video by topic. It also has a link to a cool math games that will keep you busy all summer!