## **Decimals:**

$$2.)$$
  $53.72 - 12.909$ 

5.) 
$$36.75 \div 4.2$$

6.) 
$$0.31144 \div 3.4$$

**Fractions**: (All answers should be in simplest form.)

7.) 
$$\frac{1}{6} + \frac{5}{8}$$

8.) 
$$\frac{7}{9} + \frac{7}{12}$$

9.) 
$$4\frac{1}{6} + 5\frac{4}{9}$$

10.) 
$$7\frac{1}{2} - 2\frac{5}{6}$$

11.) 
$$4\frac{2}{3} - 2\frac{1}{5}$$

12.) 
$$\frac{12}{35} \times \frac{21}{54}$$

13.) 
$$2\frac{1}{3} \times 3\frac{1}{5}$$

14.) 
$$4\frac{2}{3} \div 3\frac{1}{3}$$

15.) 
$$\frac{2}{3} \div 6$$

16.) Write the fraction in simplest form: 
$$\frac{36}{96}$$

17.) Write 
$$\frac{49}{11}$$
 as a mixed number.

18.) Write 
$$6\frac{7}{8}$$
 as an improper fraction.

**Integers**: (Make sure to check the sign of your answer.)

19.) 
$$^{-}5 + ^{-}8$$

20.) 
$$^{-}$$
 13  $^{-}$  18

25.) 
$$-128 \div 4$$

**Comparing Numbers**: (Write <,>, or = to compare the numbers.)

26.) 
$$\frac{1}{5}$$
 ?  $\frac{1}{8}$ 

28.) 
$$7.\overline{5}$$
 ? 7.55

29.) 
$$6\frac{3}{4}$$
 ? 6.75

**Order of Operations**: (Solve the problems.)

30.) 
$$72 \div 8 \times 3 - 2 + 8$$

31.) 
$$60 - 3 \times 2^3 - (5 - 2)^2$$

32.) 
$$39 - 5 \times 3 + 4^2$$

33.) 
$$4\frac{1}{2} + 5\frac{1}{3} \times 1\frac{1}{8}$$

**Decimals, Fractions, and Percents:** 

- 34.) Write 0.912 as a percent.
- 35.) Write 6.4% as a decimal.

36.) Write 5/8 as a decimal.

- 37.) Write  $\frac{13}{20}$  as a percent
- 38.) Write 35% as a fraction in simplest form.

**Percents:** (Solve the problems.)

39.) Find 24% of 72

- 40.) Find 8% of 250
- 41.) You buy a pair of pants that originally costs \$45. The store has them on sale for 25% off. What is the sale price?
- 42.) 15% of the students in 6<sup>th</sup> grade are in band. There are 180 students in 6<sup>th</sup> grade. How many 6<sup>th</sup> grade band students are there?

**Equations & Inequalities:** (Solve the equations.)

43.) 
$$5x = 8$$

44.) 
$$h-71=104$$

**45.**) 
$$\frac{m}{1.2} = 4.8$$

**46.**) 
$$n + 7.2 = 19$$

47.) 
$$\frac{3}{4}f = \frac{5}{8}$$

48.) 
$$y-4\frac{2}{3}=2\frac{1}{4}$$

Word Problems: (Solve.)

- 49.) Gina has some money in her wallet. She goes to the diner and spends \$10.75 on breakfast and then stops at Staples and buys an ink cartridge for \$28.50. She counts her money when she gets in the car and she now has \$32.14. How much money did she have in her wallet before breakfast?
- 50.) A teacher divides 36 students into equal groups for a scavenger hunt. Each group should have at least 4 students, but no more than 8 students. What are the possible group sizes the teacher can make?

51.) The cooking time for a ham is  $\frac{2}{5}$  of an hour for each pound of ham. How long should you cook a ham that weighs  $12\frac{3}{4}$  pounds?

## **Expressions:**

- 52.) Write the phrase as an **expression**: the sum of nine and triple a number *m*
- 53.) Write the phrase as an **expression**: The product of 5 and the number, m

## **Geometry:**

- 54.) Find the area of a rectangle that is 15 feet by 9 feet.
- 55.) Find the perimeter of a rectangle that is 15 feet by 9 feet.
- 56.) Find the volume of a box that is 24 cm long, 35 cm high and 11 cm wide.

**Coordinate Plane:** (Plot the ordered pairs in the coordinate plane.)

Make sure you label the point with its letter name when you graph it.

