## Decimals:

1.) $\mathbf{4 7 . 3 3}+179.6$
2.) $53.72-12.909$
3.) $870.43 \times 1.46$
4.) $26.8 \times 0.34$
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.) ${ }^{-} 13-{ }^{-} 18$
21.) $17-{ }^{-} 9$
22.) ${ }^{-} 16+22$
23.) $\quad-2 \times 18$
24.) ${ }^{-} 14 x^{-} 6$
25.) ${ }^{-} 128 \div 4$

Comparing Numbers: (Write <,>, or = to compare the numbers.)
26.) $\frac{1}{5} ? \frac{1}{8}$
27.) $-2.5 ?-2.6$
28.) $7 . \overline{5} ? 7.55$
29.) $6 \frac{3}{4} ? 6.75$

Order of Operations: (Solve the problems.)
30.) $72 \div 8 \times 3-2+8$
32.) $39-5 \times 3+4^{2}$
31.) $60-3 \times 2^{3}-(5-2)^{2}$

## Decimals, Fractions, and Percents:

34.) Write 0.912 as a percent.
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 $6^{\text {th }}$ grade are in band. There are 180 students in $6^{\text {th }}$ grade. How many $6^{\text {th }}$ grade band students are there?

Equations \& Inequalities: (Solve the equations.)
43.) $5 x=8$
45.) $\frac{m}{1.2}=4.8$
47.) $\quad \frac{3}{4} f=\frac{5}{8}$
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 $\boldsymbol{m}$
53.) Write the phrase as an expression: The product of 5 and the number, $\boldsymbol{m}$

## 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.)
57.) $\quad A(3,-4) \quad B(-4,2)$

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C(-2,0) \quad D(-3,-5)
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Make sure you label the point with its letter name when you graph it.


