

Name _____

Answers

Basic Math Skills

Calculating %:

- 1) 92 is what percent of 150? _____
- 2) 16 is 80% of what number? _____
- 3) In a class of 30, 20% of the students get an "A". How many students get an "A"? _____

- 1) 61.33%
- 2) 20
- 3) 6
- 4) $V=m/d$
- 5) $V=10T/P$
- 6) $(zy+8)/2$
- 7) \$325
- 8) \$1125
- 9) B
- 10) 0.6667
- 11) 50
- 12) 8°F
- 13) 5.4×10^{-3}

Manipulating equations:

- 4) Density is equal to mass divided by volume. What is volume equal to? _____
- 5) Pressure times volume all divided by temperature equals a constant of 10. What is volume equal to then? _____
- 6) $(2x-8)/z = y$. What would x be equal to? _____

Problem Solving:

- 7) You work 25 hours a week at a department store and earn \$6.50 per hour. How much pre-tax do you earn in your two week paycheck? _____
- 8) Gas is \$2.70 per gallon and you drive 10000 miles a year. How much money would you save per year if you bought a car that gets 40mpg vs. a SUV that gets 15mpg? _____

Fractions:

- 9) To convert a fraction to a decimal which math do you do?
 - a. Denominator/Numerator
 - b. Numerator/Denominator
 - c. Numerator-Denominator

10) $(1/3)/(1/2)=$ _____

11) 4 is to 10 as 20 is to _____

Misc:

- 12) Which is colder, 8°C or 8°F? _____
- 13) Convert 0.0054 to scientific notation _____