

Chapter 1 Review

Name _____

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Solve each problem.

1) 66 is what percent of 133?

2) What is 94% of 142?

3) 350% of 58.2 is what?

4) 92% of what is 123?

Solve each proportion.

5) $\frac{m}{8} = \frac{10}{4}$

6) $\frac{9}{2} = \frac{v}{8}$

7) $\frac{5}{x+9} = \frac{3}{8}$

8) $\frac{9}{8} = \frac{x+2}{4}$

9) 8 bottles of water cost \$1.99. Determine the cost per bottle.

10) $\frac{1}{6}$ of a stove costs \$120. Determine the cost per stove.

- 11) A worker can plant 24 trees in 10 minutes. How long will it take to plant 84 trees?
- 12) A store sells 6 toasters and makes a profit of \$50. How much profit would they make if they sell 40 toasters?
- 13) A store buys a bed for \$200 and marks it up 25%. Determine the selling price.
- 14) A store buys a donkey for \$600 and sells it for \$720. Determine the percent mark up.
- 15) A store sells a door for \$140 plus GST (5%). Determine the price, including tax.
- 16) A store sells a dress for \$85 at the regular price. They offer a 10% discount. Determine the sale price.
- 17) A store sells a blender for \$90 regular price. It is on sale for \$72. Determine the percent discount.
- 18) Convert \$100 (Can) into American Dollars
- 19) Convert 300 Pesos into Canadian Dollars.

Answers to Chapter 1 Review

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|----------------------|---------------------|----------------|--------------|
| 1) 49.6% | 2) 133.5 | 3) 203.7 | 4) 133.7 |
| 5) {20} | 6) {36} | 7) {4.33} | 8) {2.5} |
| 9) \$0.25 per bottle | 10) \$720 per stove | 11) 35 minutes | 12) \$333.33 |
| 13) \$250 | 14) 20% | 15) \$147 | 16) \$76.50 |
| 17) 80% | 18) \$80.30 | 19) \$25.20 | |