

Proportions & Percents

Solve each proportion.

1) $\frac{6}{5} = \frac{n}{8}$

2) $\frac{2}{8} = \frac{4}{k}$

3) $\frac{5}{6} = \frac{3x}{4}$

4) $\frac{6}{5} = \frac{8}{a}$

5) $\frac{x}{35} = \frac{3}{12}$

6) $\frac{n}{48} = \frac{49}{16}$

7) $\frac{43}{m} = \frac{30}{45}$

8) $\frac{45}{7} = \frac{41}{p}$

Answer each question and round your answer to the nearest whole number.

9) If you can buy one package of shallots for \$4, then how many can you buy with \$20?

10) Amy reduced the size of a rectangle to a width of 3 in. What is the new height if it was originally 5 in tall and 15 in wide?

11) The currency in Egypt is the Pound. The exchange rate is approximately 6 Pounds for \$1. At this rate, how many dollars would you get if you exchanged 12 Pounds?

12) The money used in Tonga is called the Pa'anga. The exchange rate is \$1 for 2 Pa'anga. Find how many dollars you would receive if you exchanged 16 Pa'anga.

Solve each problem.

13) 2 is what percent of 55?

14) What percent of 52 is 26.9?

15) What is 67% of 113?

16) 66% of 4 is what?

17) 49 is 3% of what?

18) 57% of what is 102.5?

19) What percent of 129 is 89?

20) 158.2 is what percent of 38?