

What number is 62% of 75?

$$x = .62(75)$$

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$$x = 46.5$$

$$\begin{array}{r} 13 \\ 75 \\ \times .62 \\ \hline 4500 \\ 4650 \\ \hline 46.50 \end{array}$$

62% of 75 is what number?

$$.62(75) = x$$

$$.62(75) = x$$

30% of what number is 45?

$$.3x = 45$$

$$.3x = \frac{45}{.3}$$

$$x = 150$$

$$\begin{array}{r} 150. \\ 3 \overline{) 450} \\ \underline{-3} \\ 150 \\ \underline{-15} \\ 00 \end{array}$$

45 is 30% of what number?

$$45 = .3x$$

$$45 = .3x$$

14 is what percent of 20?

$$14 = x(20)$$

$$\frac{14}{20} = \frac{20x}{20}$$

$$.7 = x$$

$$20 \overline{) 14.0} \\ \underline{-14} \\ 0$$

$$70\%$$

What percent of 20 is 14?

$$x(20) = 14$$

$$20x = 14$$

$3\frac{1}{2}\%$ of 40 is what number?

3.5%

$$.035(40) = x$$

$$\begin{array}{r} 1^2 \\ .035 \\ \times 40 \\ \hline 1400 \\ \hline \end{array}$$

$$.035(40) = x$$

$$1.4 = x$$

0.714 is 2.1% of what number?

$$.714 = .021x$$

$$\begin{array}{r} 34 \\ .021 \overline{) 6714} \\ \underline{-63} \\ 84 \\ \underline{-84} \\ 0 \end{array}$$

$$\frac{.714}{.021} = \frac{.021x}{.021}$$

$$34 = x$$

$$\begin{array}{r} 21 \\ \times 4 \\ \hline 84 \end{array} \quad \begin{array}{r} 21 \\ \times 3 \\ \hline 63 \end{array}$$

What percent of 3 is 5.1?

$$x \quad 3 = 5.1$$

$$\frac{3x}{3} = \frac{5.1}{3}$$

$$x = 1.7$$

$$170\%$$

$$\begin{array}{r} 1.7 \\ 3 \overline{) 5.1} \\ \underline{-3} \\ 21 \\ \underline{-21} \\ 0 \end{array}$$

120% of 241 birds is how many birds?

Round to the nearest number of birds.

$$1.2 (241) = x$$

$$\begin{array}{r} 241 \\ \times 1.2 \\ \hline 482 \\ 2410 \\ \hline 289.2 \end{array}$$

$$1.2(241) = x$$

289 \approx x
birds

35 students is what percent of 14 students?

$$35 = x \cdot 14$$

$$\begin{array}{r} 2.5 \\ 14 \overline{) 35.0} \\ \underline{-28} \\ 70 \\ \underline{-70} \\ 0 \end{array}$$

$$\frac{35}{14} = \frac{14x}{14}$$

$$2.5 = x$$

250%

$2\frac{1}{2}$ % of what amount is \$1.60?

2.5%

$$.025 x = 1.6$$

$$\frac{.025x}{.025} = \frac{1.6}{.025}$$

$$x = \$64$$

$$\frac{3}{150} \times 6$$

$$\begin{array}{r} 64. \\ .025 \overline{) 1.600} \\ \underline{-150} \\ 100 \\ \underline{-100} \\ 0 \end{array}$$