

6.7

$$P = B \times R$$

Part ↑ Whole ↑ %
is of

• look at %

$$126 = 150 \times R$$

• find % you
x by 100

$$P = 150 \times 84\%$$

$$\frac{P}{150} = \frac{84}{100} \times \frac{150}{100}$$

126

• if solving for
whole (B) or Part (P)
divide % by 100.

discount

\$135

25% sale
off

$$\begin{array}{r} 135 \\ \times .25 \\ \hline \end{array}$$

\$33.75

$$P = B \times r$$

$$= 135 \times 25\%$$

$$\begin{array}{r} 135 \cancel{49} \\ \underline{33.75} \\ 101.25 \end{array}$$

$$I = prt$$

$$\$195 = \$1200 \times 6.5\% \times t$$

$$195 = 1200 \times .065 \times t$$

$$\begin{array}{r} 1200 \\ \times .065 \\ \hline 78000 \end{array}$$

$$\frac{195}{78} = \frac{78t}{78}$$

$$t = 2.5 \text{ years}$$

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