

8. 80 IS WHAT % OF 210?

$$80 = (X)(210)$$

$$80 = 210X$$

9. 30 PERCENT OF WHAT NUMBER IS 125?

$$(30\%)(X)$$

$$= 125$$

$$.30X = 125$$

10. WHAT IS $3\frac{1}{4}\%$ OF 200?

$$X = (3\frac{1}{4}\%)(200)$$

$$3\frac{1}{4}\%$$

$$= (3 + \frac{1}{4})\%$$

$$= (3 + 0.25)\%$$

$$= 3.25\%$$

$$= .0325$$

11. OUT OF 300, 180 IS WHAT PERCENT?

$$\frac{180}{300} = X$$

12. $5\frac{2}{3}\%$ OF 300 IS WHAT?

$$(5\frac{2}{3}\%)(300) = X$$

$$5\frac{2}{3}\%$$

$$5.666667\%$$

$$.0566667$$

13. 30 IS WHAT % OF 80?

$$30 = (X)(80)$$

$$30 = 80X$$

$$\frac{30}{80} = \frac{80X}{80}$$

$$\frac{3}{8} = X$$

$$0.375 = X$$

$$37.5\% = X$$

$$\begin{array}{r} 0.375 \\ 8 \overline{) 3.000} \\ \underline{-24} \\ 60 \\ \underline{-56} \\ 40 \\ \underline{40} \\ 0 \end{array}$$