

24. 14% of 65

$$0.14 (65) \quad \begin{array}{r} 65 \\ \times 0.14 \\ \hline 260 \\ 650 \\ \hline 9.10 = 9.1 \end{array}$$

25. $66\frac{2}{3}\%$ of 2400

$$\frac{2}{3} \times \frac{2400}{1} = \frac{1600}{1} = 1,600$$

26. 210% of 700

$$\begin{array}{r} 210 \\ \times 7 \\ \hline 1,470 \end{array}$$

2.10×700

$$\begin{array}{r} 2.1 \\ \times 700 \\ \hline 1470.0 = 1,470 \end{array}$$

27. What % of 48 is 12?

$$N \times 48 = 12$$

$$N = \frac{12}{48} = \frac{1}{4} = 25\%$$

28. What % of 34 is 29?

$$N \times 34 = 29$$

$$N = \frac{29}{34}$$

$$34 \overline{) 2900.} = 85\frac{5}{17}\%$$

29. 70% of what number is 40?

$$0.70 \times N = 40$$

$$0.7 \times N = 40$$

$$N = \frac{40}{0.7} = \frac{400}{7} = 57\frac{1}{7}$$

$$\begin{array}{r} 57\frac{1}{7} \\ 7 \overline{) 400} \\ \underline{-35} \\ 50 \\ \underline{-49} \\ 1 \end{array}$$

$$\begin{array}{r} 85\frac{5}{17} \\ 34 \overline{) 2900.} \\ \underline{-272} \\ 180 \\ \underline{-170} \\ 10 \end{array}$$

$$560 + 560(0.06875)$$

#30. $560 + 560(6\frac{7}{8}\%)$

$$= 560 + \frac{770}{1} \cdot \frac{55}{1} \cdot \frac{1}{100}$$

$$= 560 + \frac{385}{10}$$

$$= 560 + 38.5 = 598.50$$

$$\begin{array}{r} 55 \\ \times 7 \\ \hline 385 \end{array}$$

$$\begin{array}{r} 0.06875 \\ \times 560 \\ \hline 412500 \\ 34375 \\ \hline 3850000 \end{array}$$

$$560 + 38.5 = 598.50$$