

$$\textcircled{9} \quad \begin{array}{r|l} 75x = 15 & \\ \hline 75 & 75 \\ \hline x = .2 = 20\% & \end{array}$$

$$\textcircled{10} \quad \begin{array}{r|l} 15x = 75 & \\ \hline 15 & 15 \\ \hline x = 5 = 500\% & \end{array}$$

$$\textcircled{11} \quad \begin{array}{r|l} 16x = 10 & \\ \hline 16 & 16 \\ \hline x = \frac{5}{8} = 62.5\% & \end{array}$$

$$\textcircled{12} \quad \begin{array}{r|l} 32x = 40 & \\ \hline 32 & 32 \\ \hline x = 1.25 = 125\% & \end{array}$$

$$\textcircled{13} \quad \begin{array}{r|l} 48x = 20 & \\ \hline 48 & 48 \\ \hline x = .417 = 41.7\% & \end{array}$$

$$\textcircled{14} \quad \begin{array}{r|l} 88x = 88 & \\ \hline 88 & 88 \\ \hline x = 1 = 100\% & \end{array}$$

$$\textcircled{15} \quad \begin{array}{l} x = .25(144) \\ x = 36 \end{array}$$

$$\textcircled{16} \quad \begin{array}{l} x = .63(150) \\ x = 94.5 \end{array}$$

$$\textcircled{17} \quad \begin{array}{l} x = .125(104) \\ x = 13 \end{array}$$

$$\textcircled{18} \quad \begin{array}{l} x = 1.5(63) \\ x = 94.5 \end{array}$$

$$\textcircled{19} \quad \begin{array}{l} x = 1.25(12.8) \\ x = 16 \end{array}$$

$$\textcircled{20} \quad \begin{array}{l} x = .01(1) \\ x = .01 \end{array}$$

$$\textcircled{21} \quad \begin{array}{l} 65 - .2(65) = x \\ 65 - 13 = x \\ 52 = x \end{array}$$

$$\text{or} \quad 65(.8) = 52$$

$$\textcircled{22} \quad \begin{array}{l} 4.50 + 4.50(.4) = x \\ 4.50 + 1.80 = x \\ 6.30 = x \end{array}$$

$$\textcircled{23} \quad \begin{array}{r|l} .2x = 80 & \\ \hline .2 & .2 \\ \hline x = 400 & \end{array}$$

$$\textcircled{24} \quad \begin{array}{r|l} .8x = 20 & \\ \hline .8 & .8 \\ \hline x = 25 & \end{array}$$

$$\textcircled{25} \quad \begin{array}{r|l} .6x = 13.5 & \\ \hline .6 & .6 \\ \hline x = 22.5 & \end{array}$$

$$\textcircled{26} \quad \begin{array}{r|l} 1.6x = 200 & \\ \hline 1.6 & 1.6 \\ \hline x = 125 & \end{array}$$

$$\textcircled{27} \quad \begin{array}{r|l} 1.5x = 34 & \\ \hline 1.5 & 1.5 \\ \hline x = 22.7 & \end{array}$$

$$\textcircled{28} \quad \begin{array}{r|l} .01x \neq 1 & \\ \hline .01 & .01 \\ \hline x \neq 100 & \end{array}$$

$$\textcircled{29} \quad I = prt$$

$$I = 1200(.03)(3)$$

$$I = 108$$

$$\textcircled{30} \quad I = prt$$

$$I = 150(.055)(4)$$

$$I = 33$$

$$\textcircled{31} \quad \begin{array}{r|l} 11800 \neq .18x & \\ \hline .18 & .18 \\ \hline 65556 \neq x & \end{array}$$

round to 66000

$$\textcircled{38} \quad I = prt$$

$$95 = 1500(r)(1)$$

$$\begin{array}{r|l} 95 \neq 1500r & \\ \hline 1500 & 1500 \\ \hline .06\bar{3} \neq r & \end{array}$$

6.33% or C

$$\textcircled{49} \quad I = prt$$

$$10.86 = p(.06)(1)$$

$$\begin{array}{r|l} 10.86 \neq .06p & \\ \hline .06 & .06 \\ \hline 181 \neq p & \end{array}$$

$$\textcircled{5a} \quad x = \text{original price}$$

$$x - (.15x) - .1(.85x) = 91.80$$

$$\text{original} - \text{discount} - 10\%(\text{discounted price}) = 91.80$$

$$x - .15x - .085x = 91.80$$

$$\begin{array}{r|l} .765x \neq 91.80 & \\ \hline .765 & .765 \\ \hline x \neq 120 & \end{array}$$