

$$\begin{aligned} 4(a) \quad 10p &= 100 \\ \Rightarrow p &= \frac{100}{10} \quad 10 \\ \Rightarrow p &= 10 \end{aligned}$$

$$\begin{aligned} 4(b) \quad \frac{3p}{4} &= 6 \\ \Rightarrow p &= \frac{6 \times 4}{3} \\ \Rightarrow p &= 8 \end{aligned}$$

$$\begin{aligned} (b) \quad 10p + 10 &= 100 \\ \Rightarrow 10p &= 100 - 10 \\ \Rightarrow 10p &= 90 \\ \Rightarrow p &= \frac{90}{10} \quad 9 \\ \Rightarrow p &= 9 \end{aligned}$$

$$\begin{aligned} 4(c) \quad 3x &= -9 \\ \Rightarrow x &= \frac{-9}{3} \quad 3 \\ \Rightarrow x &= -3 \end{aligned}$$

$$\begin{aligned} (c) \quad \frac{p}{4} &= 5 \\ \Rightarrow p &= 5 \times 4 \\ \Rightarrow p &= 20 \end{aligned}$$

$$\begin{aligned} 4(d) \quad 3s + 12 &= 0 \\ \Rightarrow 3s &= 0 - 12 \\ \Rightarrow s &= \frac{-12}{3} \quad 4 \\ \Rightarrow s &= -4 \end{aligned}$$

$$\begin{aligned} (d) \quad -\frac{p}{3} &= 5 \\ \Rightarrow p &= 5 \times -\frac{3}{1} \\ \Rightarrow p &= -15 \end{aligned}$$

$$\begin{aligned} 4(e) \quad 3s &= 0 \\ \Rightarrow s &= \frac{0}{3} \\ \Rightarrow s &= 0 \end{aligned}$$

$$\begin{aligned} 4(f) \quad 2q &= 6 \\ \Rightarrow q &= \frac{6}{2} \quad 3 \\ \Rightarrow q &= 3 \end{aligned}$$