

$$10. -4(P-6) + 2P = |5-3+6|$$

$$-4(P-6) + 2P = 8$$

$$-4P + 24 + 2P = 8$$

$$\begin{array}{r} -24 \qquad -24 \\ -4P + 2P = -16 \end{array}$$

$$-2P = -16$$

$$P = 8$$

$$P = 8$$

$$11. -5x + |9^2 - 3^2| + 13 = 12x$$

$$-5x + 72 + 13 = 12x$$

$$-5x + 85 = 12x$$

$$\begin{array}{r} -85 \qquad -85 \\ -5x = 12x - 85 \end{array}$$

$$-5x = 12x - 85$$

$$\begin{array}{r} -12x \qquad -12x \\ -17x = -85 \end{array}$$

$$-17x = -85$$

$$x = 5$$

$$12. 3(3G+5G) - |3-12| = 18G + 5(-G-4)$$

$$3(3G+5G) - 9 = 18G + 5(-G-4)$$

$$9G + 15G - 9 = 18G - 5G - 20$$

$$24G - 9 = 13G - 20$$

$$\begin{array}{r} +9 \qquad +9 \\ 24G = 13G - 11 \end{array}$$

$$24G = 13G - 11$$

$$\begin{array}{r} -13G \qquad -13G \\ 11G = -11 \end{array}$$

$$11G = -11$$

$$G = -1$$