

Find the exact solution that satisfies each equation.

$$1 \left(\frac{9}{4} - \frac{7}{3}P = \frac{5}{12} \right)^{12}$$

$$27 - 28P = 5$$

$$-28P = -22$$

$$P = \frac{22}{28} = \frac{11}{14}$$

$$2 \left(\frac{2}{9}C - \frac{11}{4} = -\frac{13}{12} \right)^{36}$$

$$8C - 99 = -39$$

$$8C =$$

3. $3w - 5(2w + 4) - 9 = w - 7 + 2w + 3$

$$3w - 10w - 20 - 9 = 3w - 4$$

$$-7w - 29 = 3w - 4$$

$$-29 = 10w - 4$$

$$-25 = 10w$$

$$w = -\frac{5}{2}$$