

$$\textcircled{1} \frac{-26d}{-26} = \frac{-364}{-26} \quad \underline{\underline{\text{divide}}}$$

$$d = 14$$

$$\textcircled{2} X = \frac{2}{5} + \frac{1}{3}$$

$$X = \frac{6+5}{15}$$

$$X = \frac{11}{15}$$

$$\textcircled{3} \begin{array}{r} 4\pi = 5 + 5\pi \\ -5\pi \\ \hline \end{array}$$

$$-\pi = 5$$

$$\pi = -5$$

$$\textcircled{4} \frac{2}{5}w - \frac{1}{5}w + \frac{10}{-10} = \frac{4}{-10}$$

$$\frac{2}{5}w = -6$$

$$w = -6 \div \frac{2}{5}$$

$$\textcircled{5} 4(3-6a) = 36$$

$$\begin{array}{r} 12 - 24a = 36 \\ -12 \\ \hline \end{array}$$

$$\begin{array}{r} -24a = 24 \\ -24 \\ \hline \end{array}$$

$$a = -1$$

$$\textcircled{6} 4(2g-3) = 5(g-2)$$

$$\begin{array}{r} 8g - 12 = 5g - 10 \\ +12 \\ \hline \end{array}$$

$$\begin{array}{r} 8g = 5g + 2 \\ -5g \\ \hline \end{array}$$

$$\frac{3g}{3} = \frac{2}{3}$$

$$g = \frac{2}{3}$$

$$w = -6 \cdot \frac{5}{2}$$

$$w = -\frac{30}{2}$$

$$w = -15$$

son
vell

S M
4 5
11 12 1
18 19 20
25 26 27

$$\textcircled{7} \quad \begin{array}{r} 6r - 8 = 8 + 6r \\ -6r \quad \quad -6r \\ \hline \end{array}$$

$$-8 = 8$$

not true!
no solution

$$\textcircled{8} \quad \frac{2}{3}y + 6 = \frac{2}{3}(y + 9)$$

$$\frac{2}{3}y + 6 = \frac{2}{3}y + 6$$

the same thing
infinitely MANY solutions

$$\textcircled{9} \quad \underline{3x + 2x + 2x + 4} + x + 12 = 360$$

$$\begin{array}{r} 8x + 16 = 360 \\ -16 \quad \quad -16 \\ \hline \end{array}$$

$$8x = 344$$

$$x = 43$$

$$\textcircled{10} \quad \begin{array}{r} 1.3x + 2.4x + 2x + x + 18 + x + 6 \\ 7.7x + 24 = 540 \\ -24 \quad \quad -24 \\ \hline \end{array}$$

$$7.7x = 516$$

$$x = 67$$