

8-16-18 5th Geo

$$\textcircled{1} \quad \begin{array}{r} 6n - 1 = 4n + 8 \\ -4n \quad -4n \end{array} \quad \text{B.S.}$$

$$\frac{2n - 1}{+1} = \frac{8}{+1}$$

$$\frac{2n}{2} = \frac{9}{2} \quad \text{|||||}$$

$$n = 4\frac{1}{2} \quad (4.5)$$

$$\textcircled{2} \quad \underline{4n + 6} - \underline{2n - 8} + 2 = 12$$

$$\frac{2n}{2} = \frac{12}{2}$$

$$n = 6$$

$$\textcircled{3} \quad 2(3n + 4) = 2(n - 3)$$

$$\begin{array}{r} 6n + 8 = 2n - 6 \\ -2n \quad -2n \end{array}$$

$$\frac{4n + 8}{-8} = \frac{-6}{-8}$$

$$\frac{4n}{4} = \frac{-14}{4}$$

$$n = -3\frac{2}{4} \quad \text{|||||}$$

$$= -3\frac{1}{2} \quad (-3.5)$$

$$\textcircled{4} \quad 6(2n-3) - 5n + 1 = n - 8$$

$$\underline{12n} - 18 - 5n + 1 = n - 8$$

$$\begin{array}{r} 7n - 17 = n - 8 \\ -n \qquad -n \\ \hline \end{array}$$

$$\begin{array}{r} 6n - 17 = -8 \\ +17 \quad +17 \\ \hline \end{array}$$

$$\frac{6n}{6} = \frac{9}{6}$$

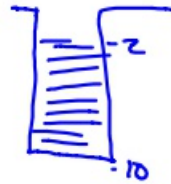
$$n = 1\frac{3}{6}$$

$$n = 1\frac{1}{2} (1.5)$$



$$\textcircled{-10} \quad \textcircled{+8}$$

-2



$$\textcircled{5} \quad 8n - (2n + 3) = n + 11$$

$$8n - 2n - 3 = n + 11$$

$$\begin{array}{r} 6n - 3 = n + 11 \\ -n \qquad -n \\ \hline \end{array}$$

$$5n - 3 = 11$$

$$+3 \quad +3$$

$$\frac{5n}{5} = \frac{14}{5}$$

$$n = 2\frac{4}{5} (2.8)$$

8-16-18 6th Geo

$$\textcircled{1} \quad \frac{6n - 4}{-3n} = \frac{3n + 7}{3n} \quad \text{B.S.}$$

$$\frac{3n - 4}{+4} = \frac{7}{+4}$$

$$\frac{3n}{3} = \frac{11}{3} \quad \text{|||||}$$

~~3/6~~ $n = 3\frac{2}{3} (3.\bar{6})$

$$\textcircled{2} \quad \underline{5n} - \underline{2} - \underline{n} - \underline{8} + \underline{1} = 15$$

$$4n - 9 = 15$$

$$\frac{4n}{4} = \frac{24}{4}$$

$$n = 6$$

$$\textcircled{3} \quad 2(4n - 1) + 3(n - 4) = 2(n + 1)$$

$$8n - 2 + 3n - 12 = 2n + 2$$

$$11n - 14 = 2n + 2$$

$$\frac{9n - 14}{+14} = \frac{2}{+14}$$

$$\frac{9n}{9} = \frac{16}{9}$$

$$n = 1\frac{7}{9} (1.\bar{7})$$

$$\textcircled{4} \quad 6n - (2n - 4) = 2n + 10$$

$$6n - 2n + 4 = 2n + 10$$

$$\begin{array}{r} 4n + 4 = 2n + 10 \\ -2n \qquad \qquad -2n \\ \hline \end{array}$$

$$\begin{array}{r} 2n + 4 = 10 \\ -4 \qquad -4 \\ \hline \end{array}$$

$$\begin{array}{r} 2n = 6 \\ n = 3 \end{array}$$