



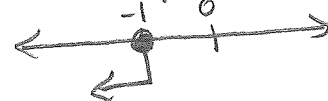


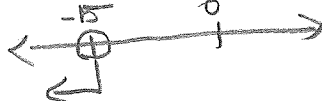
$$\begin{array}{r} \textcircled{16} \quad -a + 6 \leq 5 \\ -6 \quad | \quad -6 \\ \hline -a \leq -1 \\ -1 \quad | \quad -1 \\ \hline a \geq 1 \end{array}$$


$$\begin{array}{r} \textcircled{17} \quad 37 < 7 - 10w \\ -7 \quad | \quad -7 \\ \hline 30 < -10w \\ -10 \quad | \quad -10 \\ \hline -3 < w \end{array}$$


$$\begin{array}{r} \textcircled{18} \quad 8 - \frac{z}{3} \geq 11 \\ -8 \quad | \quad -8 \\ \hline (-3) \frac{-z}{3} \geq 3(-3) \\ \hline z \leq -9 \end{array}$$


$$\begin{array}{r} \textcircled{19} \quad -\frac{5}{4}p + 6 < 12 \\ -6 \quad | \quad -6 \\ \hline (-\frac{4}{5}) \frac{-5}{4}p < -6 \left(\frac{-4}{5}\right) \\ \hline p > \frac{24}{5} \text{ or } 4\frac{4}{5} \end{array}$$


$$\begin{array}{r} \textcircled{20} \quad 3b - 6 \geq 15 + 24b \\ -3b \quad | \quad -3b \\ \hline -6 \geq 15 + 21b \\ -15 \quad | \quad -15 \\ \hline -21 \geq 21b \\ \frac{-21}{21} \geq \frac{21b}{21} \\ -1 \geq b \end{array}$$


$$\begin{array}{r} \textcircled{21} \quad 15h + 30 < 10h - 45 \\ -10h \quad | \quad -10h \\ \hline 5h + 30 < -45 \\ -30 \quad | \quad -30 \\ \hline 5h < -75 \\ \frac{5h}{5} < \frac{-75}{5} \\ h < -15 \end{array}$$


$$\begin{array}{r} \textcircled{22} \quad \frac{3}{4}x - 9 \geq 42 \\ +9 \quad | \quad +9 \\ \hline (\frac{4}{3}) \frac{3}{4}x \geq 51 \left(\frac{4}{3}\right) \\ \hline x \geq 68 \end{array}$$

$$\begin{array}{r} \textcircled{23} \quad \frac{2}{3}x + 6 \geq 22 \\ -6 \quad | \quad -6 \\ \hline (\frac{3}{2}) \frac{2}{3}x \geq 16 \left(\frac{3}{2}\right) \\ \hline x \geq 24 \end{array}$$

$$\begin{array}{r} \textcircled{24} \quad \frac{7}{10}x + 14 < 49 \\ -14 \quad | \quad -14 \\ \hline (\frac{10}{7}) \frac{7}{10}x < 35 \left(\frac{10}{7}\right) \\ \hline x < 50 \end{array}$$

$$\begin{array}{r} \textcircled{29} \quad -3(7n + 3) < 6n \\ -3 \quad | \quad -3 \\ \hline 7n + 3 > -2n \\ -7n \quad | \quad -7n \\ \hline 3 > -9n \\ \frac{3}{-9} > \frac{-9n}{-9} \\ -\frac{1}{3} < n \end{array}$$

or

$$\begin{array}{r} -3(7n + 3) < 6n \\ -21n - 9 < 6n \\ +21n \quad | \quad +21n \\ \hline -9 < 27n \\ \frac{-9}{27} < \frac{27n}{27} \\ -\frac{1}{3} < n \end{array}$$

$$\begin{array}{r} 21 \geq 3(a-7) + 9 \\ -9 \quad \quad -9 \\ \hline 12 \geq 3(a-7) \\ \underline{3} \quad \quad \underline{3} \\ 4 \geq a-7 \\ +7 \quad \quad +7 \\ \hline 11 \geq a \end{array}$$

$$\begin{array}{r} 21 \geq 3(a-7) + 9 \\ 21 \geq 3a - 21 + 9 \\ 21 \geq 3a - 12 \\ +12 \quad \quad +12 \\ \hline 33 \geq 3a \\ \underline{3} \quad \quad \underline{3} \\ 11 \geq a \end{array}$$

or

$$\begin{array}{r} 8a + 2(1-5a) \leq 20 \\ 8a + 2 - 10a \leq 20 \\ -2a + 2 \leq 20 \\ -2 \quad \quad -2 \\ \hline -2a \leq 18 \\ \underline{-2} \quad \quad \underline{-2} \\ a \geq -9 \end{array}$$

$$\begin{array}{r} 35000 + .08x > 65000 \\ -35000 \quad \quad -35000 \\ \hline .08x > 30,000 \\ \underline{.08} \quad \quad \underline{.08} \\ x > 375,000 \end{array}$$

$$\begin{array}{r} x + x + 2 + x + 4 \leq 36 \\ 3x + 6 \leq 36 \\ -6 \quad \quad -6 \\ \hline 3x \leq 30 \\ \underline{3} \quad \quad \underline{3} \\ x \leq 10 \end{array}$$

- 10, 12, 14
- 8, 10, 12
- 6, 8, 10
- 4, 6, 8
- 2, 4, 6

$$\begin{array}{r} x + x + 2 + x + 4 + x + 6 < 42 \\ 4x + 12 < 42 \\ -12 \quad \quad -12 \\ \hline 4x < 30 \\ \underline{4} \quad \quad \underline{4} \\ x < 7.5 \end{array}$$

- 7, 9, 11, 13
- 5, 7, 9, 11
- 3, 5, 7, 9
- 1, 3, 5, 7

$$(44) \quad 2(x-4) \leq 2 + 3(x-6)$$

$$2x - 8 \leq 2 + 3x - 12$$

$$2x - 8 \leq 3x - 10$$

$$\begin{array}{r|l} -2x & -2x \\ \hline \end{array}$$

$$\begin{array}{r|l} -8 & x - 10 \\ \hline \end{array}$$

$$\begin{array}{r|l} +10 & +10 \\ \hline \end{array}$$

$$2 \leq x$$

$$(45) \quad \frac{2x-4}{6} \geq -5x+2 \quad (6)$$

$$\begin{array}{r|l} 2x-4 & -30x+12 \\ \hline +30x & +30x \\ \hline \end{array}$$

$$32x-4 \geq 12$$

$$\begin{array}{r|l} +4 & +4 \\ \hline \end{array}$$

$$\begin{array}{r|l} \frac{32x}{32} & \frac{16}{32} \\ \hline \end{array}$$

$$x \geq \frac{1}{2}$$