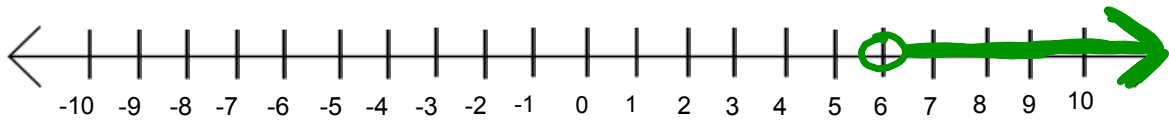


$$\begin{array}{r} \textcircled{1} \quad n - 4 > 2 \\ \quad \quad + 4 \quad + 4 \\ \hline \quad \quad n > 6 \end{array}$$

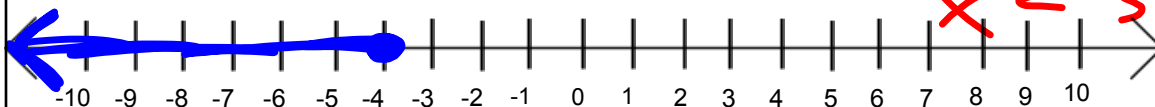


$$\textcircled{2} \quad \frac{3n}{3} \leq \frac{-12}{3}$$

$$n \leq -4$$

$$2x + 1 < 7$$

$$\begin{array}{r} -1 \quad -1 \\ \hline 2x < 6 \\ \hline x < 3 \end{array}$$



Q3 $-3 \geq 3 - 2n$

$$\begin{array}{r} -3 \geq 3 - 2n \\ -3 \geq 3 - 2n \\ \hline -6 \geq -2n \\ -6 \geq -2n \\ \hline 3 \leq n \end{array}$$

$3 \leq n$

$3 < 5$
 $5 > 3$



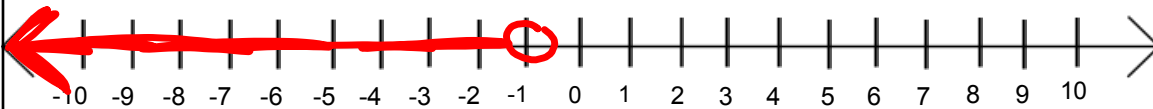
$$\textcircled{4} \quad 1 - \frac{x}{2} \geq 4$$
$$\begin{array}{r} -1 \qquad \qquad \qquad -1 \\ \hline -2 \left(-\frac{x}{2} \right) \geq (3)(-2) \end{array}$$
$$x \leq -6$$



⑤

$$\begin{array}{r}
 3x + 2 < -1 \\
 -2 \quad -2 \\
 \hline
 3x < -3 \\
 \hline
 x < -1
 \end{array}$$

$$\begin{array}{r}
 -1 - 2 \\
 -1 + (-2)
 \end{array}$$



$$\textcircled{c} \quad \begin{array}{r} 0.59 \leq 0.6y + 0.17 \\ -0.17 \qquad \qquad -0.17 \\ \hline \end{array}$$

$$\begin{array}{r} 0.42 \leq 0.6y \\ \hline 0.6 \qquad 0.6 \\ \hline \end{array}$$

$$\textcircled{0.7 \leq y}$$

$$\begin{array}{r} 0.6 \overline{)0.42} \\ \underline{0.36} \\ 0.06 \\ \underline{0.06} \\ 0 \end{array}$$
$$\begin{array}{r} 6 \overline{)42} \\ \underline{42} \\ 0 \end{array}$$

$$\textcircled{1} \quad \frac{2}{3}y + 4 > 3\frac{1}{2}$$

$$\frac{2}{3} \left(\frac{2}{3}y \right) > \left(-\frac{1}{2} \right) \frac{3}{2}$$

$$y > -\frac{3}{4}$$

$$3\frac{1}{2} - 4$$

$$\frac{7}{2} - \frac{4}{1}$$

$$\frac{7}{2} - \frac{8}{2}$$

$$7 - 8$$

$$7 + (-8) = -1$$

$$\textcircled{5} \quad \begin{array}{r} 240 + 14s \leq 296 \\ - 240 \qquad \qquad - 240 \\ \hline \end{array}$$

$$\begin{array}{r} 14s \leq 56 \\ \hline 14 \quad 14 \\ \hline s \leq 4 \end{array}$$

at most 4 shirts

$$\textcircled{9} \quad \begin{array}{r} 180 + 0.2m \geq 500 \\ -180 \qquad \qquad -180 \\ \hline \end{array}$$

$$\begin{array}{r} 0.2 \overline{)320} \rightarrow \\ 1600 \\ 2 \overline{)3200} \\ \underline{200} \\ 1200 \\ \underline{1200} \\ 0 \end{array}$$

$$\begin{array}{r} 0.2m \geq 320 \\ \hline 0.2 \quad 0.2 \end{array}$$

$$m \geq 1600$$

at least \$1600
worth of food

$$\frac{2x}{2} < \frac{-10}{2}$$

$$x < -5$$

March 17, 2022

