

Warm up:

Solve.

1) $-5 = -9 + 2x$

$$\begin{array}{r} +9 \quad +9 \\ \hline \end{array}$$

$$\frac{4}{2} = \frac{2x}{2}$$

$$\boxed{2 = x}$$

$$\begin{array}{r} -19 - 7 \\ -19 + (-7) \\ \hline -26 \end{array}$$

2) $7 - n = -19$

$$\begin{array}{r} -7 \quad -7 \\ \hline \end{array}$$

$$\frac{-n}{-1} = \frac{-26}{-1}$$

$$\boxed{n = 26}$$



$$5x + 8 = 43$$

$$\begin{array}{r} -8 \quad -8 \\ \hline (5x) = (35) \div 5 \end{array}$$

$$x = 7$$

$$3x + 11 = -2$$

$$3x + 11 = -2 \quad -2 + -11 = -13$$
$$\begin{array}{r} 3x + 11 = -2 \\ -11 \quad -11 \\ \hline 3x = -13 \\ \frac{3}{3} \quad \frac{3}{3} \\ \hline x = -\frac{13}{3} = 4\frac{1}{3} \end{array}$$

$$\begin{array}{r} -1 + 4 \\ \hline 0 \end{array}$$

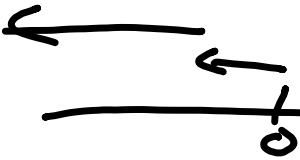
$$\begin{array}{r} -4 + 7x = -1 \\ +4 \quad +4 \\ \hline 7x = 3 \\ \hline \frac{7x}{7} = \frac{3}{7} \end{array}$$

$$x = \frac{3}{7}$$

$$\begin{array}{r} 8 = \frac{x}{4} + 12 \\ -12 \quad -12 \\ \hline -4 = \frac{x}{4} \\ \times 4 \quad \times 4 \\ \hline -16 = x \end{array}$$

$$-3 - 9$$

$$-3 + -9$$



$$\begin{array}{r} 9 - \frac{x}{2} = -3 \\ -9 \quad 2 \quad -9 \\ \hline \end{array}$$

$$-2\left(-\frac{x}{2}\right) = (-12)(-2)$$

$$x = 24$$

$$2.3n - 8.1 = 2.71$$

$$+8.1 \quad +8.10$$

$$\begin{array}{r} 4.7 \\ 23 \overline{) 108.1} \\ \underline{- 92 \downarrow} \\ 161 \\ \underline{- 161} \\ 0 \end{array}$$

$$\frac{2.3n}{2.3} = \frac{10.81}{2.3}$$

$$n = 4.7$$

$$\begin{array}{r} 23 \\ \times 23 \\ \hline 161 \end{array}$$

$$31.44 = 9.6 + 5.6r$$

$$0.6 - 2.4y = -15.48$$

$$7.1p + 40.355 = 3.08$$

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