

HW: Worksheet

Warm up:

Simplify.

$$1) \cancel{4x} + \cancel{6y} - 3 - \cancel{9y} - \cancel{x}$$

$$= 3x - 3y - 3$$

$$2) -5x + 2(6x - 4)$$

$$= -5x + 12x - 8 = 7x - 8$$

$$3) \underline{-4.7a} - \underline{6.15} + \underline{3.2} - \underline{5.49a}$$

$$= -10.19a - 2.95$$

$$-4.7 - 5.49$$

$$-4.7 + (-5.49)$$

$$\begin{array}{r} 4.70 \\ + 5.49 \\ \hline \end{array}$$

$$-10.19$$

$$-6.15 + 3.2$$

$$\begin{array}{r} 6.15 \\ - 3.20 \\ \hline \end{array}$$

$$-2.95$$

$$\frac{4}{1} + \frac{4}{3} = \frac{12}{3} + \frac{4}{3} = \frac{16}{3}$$

$$4 - \frac{2}{3}(5x - 2)$$

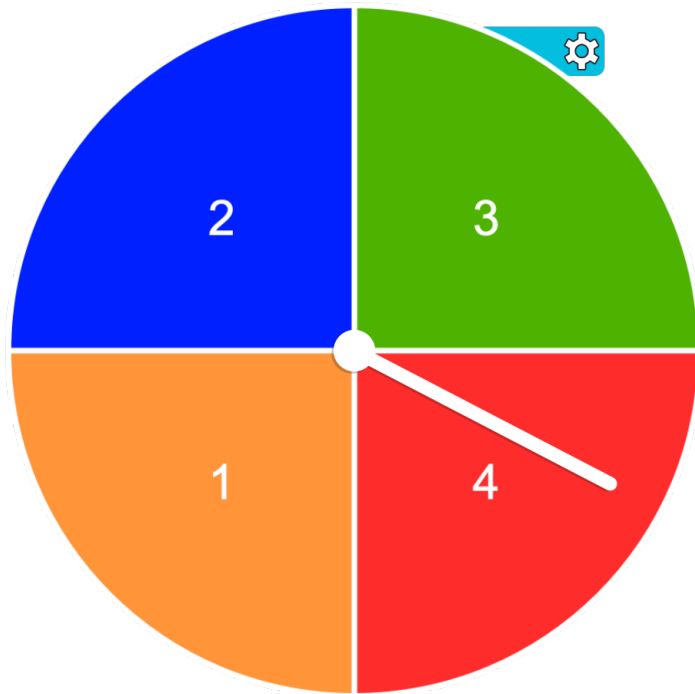
$$4 - \frac{10}{3}x + \frac{4}{3}$$

$$-\frac{10}{3}x + \frac{16}{3}$$

$$-3\frac{1}{3}x + 5\frac{1}{3}$$

$$\frac{1}{w/d} \cdot 5x$$

$$\frac{1}{w/d} \cdot (-12w^2)$$



$$\underline{-7.5x - 6.3 - 2.14x}$$

$$\underline{-9.64x - 6.3}$$

$$-7.5x - 2.14x$$

$$-7.5x + (-2.14x)$$

$$\begin{array}{r} 7.50 \\ + 2.14 \\ \hline 9.64 \end{array}$$

$$5 + 3(4x - 9)$$

$$\begin{array}{r} 5 + 12x - 27 \\ \hline 12x - 22 \end{array}$$

$$\begin{array}{r} 5 - 27 \\ 5 + (-27) \\ \hline -22 \end{array}$$

$$-\frac{1}{2} + \frac{15}{4}$$

$$-\frac{2}{4} + \frac{15}{4}$$

$$\frac{13}{4}$$

$$-\frac{1}{2} - \frac{3}{4}(2x - 5)$$

$$-\frac{1}{2} - \frac{6}{4}x + \frac{15}{4}$$

$$\frac{13}{4} - \frac{6}{4}x$$

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

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

$$-\frac{3}{4} \cdot 2x = -\frac{6}{4}x$$

$$-\frac{3}{4} \cdot (-5) = \frac{15}{4}$$