

Warm up:

Simplify.

$$\begin{array}{r} -5 - 3 \\ -5 + (-3) \end{array}$$

$$1) \underline{2x} - 5 + \underline{9x} - 3 = \underline{11x - 8}$$

$$2) 6 + 3(2x - 5) = \underline{6} + 6x - \underline{15} = \underline{6x - 9}$$

$$3) x - 2(5x - 7) = \underline{x} - \underline{10x} + 14 = \underline{-9x + 14}$$

$$\frac{2}{3} + \frac{3}{4}(2x + 7)$$

$$1) \underline{-8n} - 3 + \underline{2n} = -6n - 3$$

$$2) -6.8a - 1.2b + 7.2 - 5.4b + 3.3a$$

$$3) -3\frac{1}{5}w + 6 + w$$

$$4) -6 - 2.3(4x + 3)$$

$$5) x + 3(6x + 2)$$

$$6) \frac{1}{2}b - \frac{3}{5}(2b - 5)$$

$$1) -8n - 3 + 2n$$

$$2) \underline{-6.8a} - 1.2b + 7.2 - \underline{5.4b} + \underline{3.3a}$$

$$\underline{-3.5a - 6.6b + 7.2}$$

$$-6.8 + 3.3$$

$$\begin{array}{r} 6.8 \\ - 3.3 \\ \hline -3.5 \end{array}$$

$$\begin{array}{r} -1.2 - 5.4 \\ -1.2 + (-5.4) \end{array}$$

$$\begin{array}{r} 1.2 \\ + 5.4 \\ \hline 6.6 \end{array}$$

$$3) \quad \underline{-3\frac{1}{5}w + 6} + \underline{w}$$

$$-\frac{11}{5}w + 6$$

$$\underline{-2\frac{1}{5}w + 6}$$

$$\begin{array}{r} -3\frac{1}{5} + 1 \\ -\frac{11}{5} + \frac{5}{5} \\ -\frac{6}{5} \end{array}$$

$$4) -6 - 2.3(4x + 3)$$

$$5) x + 3(6x + 2)$$

$$6) \frac{1}{2}b - \frac{3}{5}(2b - 5)$$

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