

小数の一次式の加法・減法

次の計算をしましょう。

$$\textcircled{1} \quad (0.5 x + 0.4) + (0.3 x - 0.9)$$

$$\textcircled{2} \quad (0.9 x + 0.7) + (0.6 x + 0.3)$$

$$\textcircled{3} \quad (0.7 x + 0.2) - (0.5 x + 0.4)$$

$$\textcircled{4} \quad (0.7 x - 0.4) - (0.2 x - 0.2)$$

$$\textcircled{5} \quad (0.4 x + 0.9) + (- 0.2 x + 0.4)$$

$$\textcircled{6} \quad (0.5 x - 0.2) - (- 0.2 x - 0.8)$$

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$$\begin{aligned}\textcircled{1} \quad & (0.5x + 0.4) + (0.3x - 0.9) \\ &= 0.5x + 0.3x + 0.4 - 0.9 \\ &= 0.8x - 0.5\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & (0.9x + 0.7) + (0.6x + 0.3) \\ &= 0.9x + 0.6x + 0.7 + 0.3 \\ &= 1.5x + 1\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & (0.7x + 0.2) - (0.5x + 0.4) \\ &= 0.7x - 0.5x + 0.2 - 0.4 \\ &= 0.2x - 0.2\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & (0.7x - 0.4) - (0.2x - 0.2) \\ &= 0.7x - 0.2x - 0.4 + 0.2 \\ &= 0.5x - 0.2\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & (0.4x + 0.9) + (-0.2x + 0.4) \\ &= 0.4x - 0.2x + 0.9 + 0.4 \\ &= 0.2x + 1.3\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad & (0.5x - 0.2) - (-0.2x - 0.8) \\ &= 0.5x + 0.2x - 0.2 + 0.8 \\ &= 0.7x + 0.6\end{aligned}$$