

開始日
月
日

中1数学

入力

NAME

文字式の計算－総合No 1

Dコース

Aコース

Bコース

Cコース

$$\begin{aligned} \textcircled{1} & x - 7 - 6x - 5 \\ &= -5x - 12 \end{aligned}$$

$$\begin{aligned} \textcircled{2} & 8x + x + 2 - 9 \\ &= 9x - 7 \end{aligned}$$

$$\begin{aligned} \textcircled{3} & -\frac{3}{2}x + \frac{x}{5} \\ &= -\frac{15}{10}x + \frac{2}{10}x \\ &= -\frac{13}{10}x \end{aligned}$$

$$\begin{aligned} \textcircled{4} & -\frac{x}{7} - \frac{x}{4} \\ &= -\frac{4}{28}x - \frac{7}{28}x \\ &= -\frac{11}{28}x \end{aligned}$$

$$\begin{aligned} \textcircled{5} & (2x - 7) + (-x - 5) \\ &= x - 12 \end{aligned}$$

$$\begin{aligned} \textcircled{6} & (-6x - 1) - (5x + 9) \\ &= -11x - 10 \end{aligned}$$

$$\begin{aligned} \textcircled{7} & \left(\frac{x}{5} + \frac{2}{3}\right) - \left(\frac{x}{7} - \frac{1}{4}\right) \\ &= -6x + 15 - 4x - 8 \end{aligned}$$

$$= \frac{7}{35}x - \frac{5}{35}x + \frac{8}{12} + \frac{3}{12} = -10x + 7$$

$$= \frac{2}{35}x + \frac{11}{12}$$

$$\textcircled{8} -4(-7a - 8)$$

$$= 28a + 32$$

$$\begin{aligned} \textcircled{1} & (6a - 4) \times \left(-\frac{5}{2}\right) \\ &= -15a + 10 \end{aligned}$$

$$\begin{aligned} \textcircled{2} & \frac{5x + 7}{3} \times 21 \\ &= 35x + 49 \end{aligned}$$

$$\begin{aligned} \textcircled{3} & \frac{-x + 3}{4} \times (-16) \\ &= 4x - 12 \end{aligned}$$

$$\begin{aligned} \textcircled{4} & 3(2x - 7) + 4(-3x + 6) \\ &= 6x - 21 - 12x + 24 \end{aligned}$$

$$\begin{aligned} \textcircled{5} & -3(2x - 5) - (4x + 8) \\ &= -6x + 15 - 4x - 8 \end{aligned}$$

$$\textcircled{6} (9a - 18) \div 3$$

$$= 3a - 6$$

$$\textcircled{7} (15x - 6) \div (-9)$$

$$= -\frac{5}{3}x + \frac{2}{3}$$

$$\begin{aligned} \textcircled{1} & \frac{3x - 5}{7} - \frac{2x - 4}{5} \\ &= \frac{15x - 25 - 14x + 28}{35} \\ &= \frac{x + 3}{35} \end{aligned}$$

$$\begin{aligned} \textcircled{2} & \frac{x + 3}{3} - \frac{5x + 3}{6} \\ &= \frac{2x + 6 - 5x - 3}{6} \\ &= \frac{-3x + 3}{6} \\ &= \frac{-x + 1}{2} \end{aligned}$$

$$\begin{aligned} \textcircled{3} & -3a - \frac{11a + 7}{4} \\ &= \frac{-12a - 11a - 7}{4} \\ &= \frac{-23a - 7}{4} \end{aligned}$$

$$\begin{aligned} \textcircled{4} & \begin{array}{r} 5x - 7 \\ - 4x + 2 \\ \hline 9x - 9 \end{array} \\ \textcircled{5} & \begin{array}{r} x - 3 \\ + 9x - 4 \\ \hline 10x - 7 \end{array} \end{aligned}$$

$$\textcircled{6} (28a - 42) \div \left(-\frac{7}{3}\right)$$

$$= -12a + 18$$

$$\begin{aligned} \textcircled{1} & A = 4x - 7, B = -3x + 9 \\ & 2A + B \end{aligned}$$

$$\begin{aligned} \textcircled{1} & = \\ & = \\ & = 5x - 5 \\ & 3A - 2B \end{aligned}$$

$$\begin{aligned} \textcircled{2} & -5x - 9, 7x - 3 \\ & \text{和 } 2x - 12 \end{aligned}$$

$$\begin{aligned} \textcircled{2} & = \\ & = \\ & = \\ & = -12x - 6 \end{aligned}$$

$$\begin{aligned} \textcircled{3} & x - 2y + 3 \end{aligned}$$

$$\begin{aligned} \text{項 } & x, -2y, +3 \end{aligned}$$

$$\begin{aligned} \text{係数 } & x \cdots 1, y \cdots -2 \end{aligned}$$

$$\begin{aligned} \textcircled{4} & \frac{x}{4} + y - 1 \end{aligned}$$

$$\begin{aligned} \text{項 } & \frac{x}{4}, y, -1 \end{aligned}$$

$$\begin{aligned} \text{係数 } & x \cdots \frac{1}{4}, y \cdots 1 \end{aligned}$$

挑戦枚数	得点
枚	/30