

/	解説
/	NO4

式の計算問題NO3	
中2	()を含む同類項の計算②

NAME	mistake

Aコース

$$\begin{aligned} \textcircled{1} & (-x-2y)+(3x-4y) \\ & = \\ & = 2x-6y \end{aligned}$$

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

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

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

$$\begin{aligned} \textcircled{5} & (-3x+8y-1)+(4x-6y) \\ & = \\ & = x+2y-1 \end{aligned}$$

$$\begin{aligned} \textcircled{6} & (-4x+6y)-(7x-y) \\ & = \\ & = -11x+7y \end{aligned}$$

$$\begin{aligned} \textcircled{7} & (3m-2n)+(-4m+4n-5) \\ & = \\ & = -m+2n-5 \end{aligned}$$

$$\begin{aligned} \textcircled{8} & (6m-2n+1)-(-2m+5n) \\ & = \\ & = 8m-7n+1 \end{aligned}$$

$$\begin{aligned} \textcircled{9} & (-5m-4m^2)-(4m^2-3m) \\ & = \\ & = -8m^2-2m \end{aligned}$$

$$\begin{aligned} \textcircled{10} & (-3ab-c)+(-ab-c) \\ & = \\ & = -4ab-2c \end{aligned}$$

Bコース

$$\begin{aligned} \textcircled{1} & \left(\frac{1}{2}a-\frac{3}{4}b\right)-\left(\frac{1}{6}a-\frac{1}{3}b\right) \\ & = \\ & = \frac{1}{3}a-\frac{5}{12}b \end{aligned}$$

$$\begin{aligned} \textcircled{2} & \left(\frac{3}{2}x^2+\frac{1}{4}x\right)-\left(\frac{1}{3}x^2-\frac{2}{5}x\right) \\ & = \\ & = \frac{7}{6}x^2+\frac{13}{20}x \end{aligned}$$

$$\begin{aligned} \textcircled{3} & \left(\frac{2}{5}a-\frac{3}{2}b\right)+\left(\frac{1}{3}a-\frac{2}{7}b\right) \\ & = \\ & = \frac{11}{15}a-\frac{25}{14}b \end{aligned}$$

$$\begin{aligned} \textcircled{4} & \left(\frac{5}{6}x^2+\frac{1}{3}x\right)+\left(\frac{3}{5}x^2-\frac{1}{4}x\right) \\ & = \\ & = \frac{43}{30}x^2+\frac{1}{12}x \end{aligned}$$

$$\begin{aligned} \textcircled{5} & \left(-\frac{4}{7}xy+\frac{1}{3}y\right)-\left(\frac{2}{5}y+\frac{3}{8}xy\right) \\ & = \\ & = -\frac{53}{56}xy-\frac{1}{15}y \end{aligned}$$

$$\begin{aligned} \textcircled{6} & \left(-\frac{3}{5}a+\frac{2}{3}ab\right)-\left(\frac{1}{2}a-\frac{1}{4}ab\right) \\ & = \\ & = -\frac{6+5}{10}a+\frac{8+3}{12}ab \\ & = -\frac{11}{10}a+\frac{11}{12}ab \end{aligned}$$

Cコース

$$\begin{aligned} \textcircled{1} & (a-0.7b)+(0.3a+2b) \\ & = \\ & = 1.3a+1.3b \end{aligned}$$

$$\begin{aligned} \textcircled{2} & (0.5x+1.2y)-(1.3x-y) \\ & = \\ & = -0.8x+2.2y \end{aligned}$$

$$\begin{aligned} \textcircled{3} & (2.1x^2-0.8x)+(x^2+3.6x) \\ & = \\ & = 3.1x^2+2.8x \end{aligned}$$

$$\begin{aligned} \textcircled{4} & (2.1a+ab)-(-0.5a-ab) \\ & = \\ & = 2.6a+2ab \end{aligned}$$

$$\begin{aligned} \textcircled{5} & (x-y-0.2)+(2.5x-0.6y+2) \\ & = \\ & = 3.5x-1.6y+1.8 \end{aligned}$$

$$\begin{aligned} \textcircled{6} & (-m-2.3n-1.8)-(0.7m-4n+2) \\ & = \\ & = -1.7m+1.7n-3.8 \end{aligned}$$

$$\begin{aligned} \textcircled{7} & (1.5x+0.9y)+(-3x-0.5y-2) \\ & = \\ & = -1.5x+0.4y-2 \end{aligned}$$

$$\begin{aligned} \textcircled{8} & (0.3a-2b+1)-(a-1.4b-0.2) \\ & = \\ & = -0.7a-0.6b+1.2 \end{aligned}$$

$$\begin{aligned} \textcircled{9} & (-0.4a^2-2a)-(-3a^2+0.4a) \\ & = \\ & = 2.6a^2-2.4a \end{aligned}$$

$$\begin{aligned} \textcircled{10} & (1.2a-b)+(-0.8a-2.3b) \\ & = \\ & = 0.4a-3.3b \end{aligned}$$