

Aコース

$$\textcircled{1} (3x+4) + (2x-8)$$

$$= 5x-4$$

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

$$= -x-1$$

$$\textcircled{3} (8x-3) + (-6x+3)$$

$$= 2x$$

$$\textcircled{4} (3x+7) - (5x+6)$$

$$= -2x+1$$

$$\textcircled{5} (4x-3) - (3x-4)$$

$$= x+1$$

$$\textcircled{6} (-2x+5) - (5+4x)$$

$$= -6x$$

$$\textcircled{7} (-2x+6) + (5+2x)$$

$$= 11$$

$$\textcircled{8} (4-8x) - (-8x+6)$$

$$= -2$$

8問

Bコース

$$\textcircled{1} \left(\frac{1}{2}x - \frac{2}{3}\right) + \left(\frac{3}{4}x + \frac{2}{5}\right)$$

$$= \frac{5}{4}x - \frac{4}{15}$$

$$\textcircled{2} \left(\frac{x}{3} + \frac{2}{5}\right) + \left(\frac{x}{4} - \frac{1}{3}\right)$$

$$= \frac{7}{12}x + \frac{1}{15}$$

$$\textcircled{3} \left(\frac{3}{4}x + \frac{1}{2}\right) - \left(\frac{1}{4}x - \frac{5}{6}\right)$$

$$= \frac{1}{2}x + \frac{4}{3}$$

$$\textcircled{4} \left(\frac{x}{3} - \frac{2}{5}\right) - \left(\frac{x}{4} + \frac{1}{3}\right)$$

$$= \frac{1}{12}x - \frac{11}{15}$$

$$\textcircled{5} \left(\frac{x}{6} - \frac{1}{4}\right) - \left(\frac{x}{2} + \frac{2}{5}\right)$$

$$= -\frac{1}{3}x - \frac{13}{20}$$

5問

Cコース

$$\textcircled{1} (5x-6) + (3x+7)$$

$$= 8x+1$$

$$\textcircled{2} (x+8) + (-5x+2)$$

$$= -4x+10$$

$$\textcircled{3} (-5x-6) + (6x+6)$$

$$= x$$

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

$$= -3x-8$$

$$\textcircled{5} (-3x-6) - (3x+7)$$

$$= -6x-13$$

$$\textcircled{6} (8+x) - (2x-5)$$

$$= -x+13$$

$$\textcircled{7} (8-3x) + (3x-5)$$

$$= 3$$

$$\textcircled{8} (4x-2) - (5+4x)$$

$$= -7$$

8問

Dコース

$$\textcircled{1} \left(-\frac{2}{3}x + \frac{3}{4}\right) + \left(\frac{3}{4}x - \frac{4}{5}\right)$$

$$= \frac{1}{12}x - \frac{1}{20}$$

$$\textcircled{2} \left(3x - \frac{4}{5}\right) + \left(\frac{1}{2}x + 2\right)$$

$$= \frac{7}{2}x + \frac{6}{5}$$

$$\textcircled{3} \left(-\frac{2}{5}x + \frac{3}{4}\right) - \left(\frac{3}{4}x - \frac{2}{5}\right)$$

$$= -\frac{23}{20}x + \frac{23}{20}$$

$$\textcircled{4} \left(2x - \frac{3}{4}\right) - \left(\frac{1}{3}x + 1\right)$$

$$= \frac{5}{3}x - \frac{7}{4}$$

$$\textcircled{5} (-2x+3) - \left(\frac{x}{4} + \frac{1}{2}\right)$$

$$= -\frac{9}{4}x + \frac{5}{2}$$

5問