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次の計算をしなさい。

$$\textcircled{1} \quad \frac{5x+3}{2} \times 4$$

$$\textcircled{2} \quad \frac{2x-4}{3} \times (-9)$$

$$\textcircled{3} \quad 8 \times \frac{5x+1}{4}$$

$$\textcircled{4} \quad (-15) \times \frac{3x-2}{5}$$

$$\textcircled{5} \quad \frac{5x-9}{4} \times 12$$

$$\textcircled{6} \quad \frac{7x+3}{2} \times (-8)$$

$$\textcircled{7} \quad 6 \times \frac{-2x+8}{3}$$

$$\textcircled{8} \quad (-20) \times \frac{-6x-4}{5}$$

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次の計算をしなさい。

$$\textcircled{1} \quad \frac{5x+3}{2} \times 4$$

$$= \frac{(5x+3) \times \cancel{4}^2}{\cancel{2}^1}$$

$$= (5x+3) \times 2$$

$$= 10x+6$$

$$\textcircled{2} \quad \frac{2x-4}{3} \times (-9)$$

$$= \frac{(2x-4) \times (-\cancel{9}^3)}{\cancel{3}^1}$$

$$= (2x-4) \times (-3)$$

$$= -6x+12$$

$$\textcircled{3} \quad 8 \times \frac{5x+1}{4}$$

$$= \frac{\cancel{8}^2 \times (5x+1)}{\cancel{4}^1}$$

$$= 2 \times (5x+1)$$

$$= 10x+2$$

$$\textcircled{4} \quad (-15) \times \frac{3x-2}{5}$$

$$= \frac{-\cancel{15}^3 \times (3x-2)}{\cancel{5}^1}$$

$$= -3 \times (3x-2)$$

$$= -9x+6$$

$$\textcircled{5} \quad \frac{5x-9}{4} \times 12$$

$$= \frac{(5x-9) \times \cancel{12}^3}{\cancel{4}^1}$$

$$= (5x-9) \times 3$$

$$= 15x-27$$

$$\textcircled{6} \quad \frac{7x+3}{2} \times (-8)$$

$$= \frac{(7x+3) \times (-\cancel{8}^4)}{\cancel{2}^1}$$

$$= (7x+3) \times (-4)$$

$$= -28x-12$$

$$\textcircled{7} \quad 6 \times \frac{-2x+8}{3}$$

$$= \frac{\cancel{6}^2 \times (-2x+8)}{\cancel{3}^1}$$

$$= 2 \times (-2x+8)$$

$$= -4x+16$$

$$\textcircled{8} \quad (-20) \times \frac{-6x-4}{5}$$

$$= \frac{-\cancel{20}^4 \times (-6x-4)}{\cancel{5}^1}$$

$$= -4 \times (-6x-4)$$

$$= 24x+16$$