

1 次の計算をなさい。

① $6x \div 3$

② $8x \div 2$

③ $9x \div (-3)$

④ $12x \div (-6)$

⑤ $9x \div \frac{3}{4}$

⑥ $15x \div \frac{3}{7}$

⑦ $8x \div \left(-\frac{2}{5}\right)$

⑧ $6x \div \left(-\frac{2}{3}\right)$

⑨ $(8x + 6) \div 2$

⑩ $(15x + 20) \div 5$

⑪ $(12x - 18) \div (-6)$

⑫ $(9x - 18) \div (-3)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad 6x \div 3 \\ &= \frac{\overset{2}{\cancel{6}}x}{\underset{1}{\cancel{3}}} \\ &= 2x \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 8x \div 2 \\ &= \frac{\overset{4}{\cancel{8}}x}{\underset{1}{\cancel{2}}} \\ &= 4x \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad 9x \div (-3) \\ &= \frac{\overset{3}{\cancel{9}}x}{\underset{1}{\cancel{-3}}} \\ &= -3x \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 12x \div (-6) \\ &= \frac{\overset{2}{\cancel{12}}x}{\underset{1}{\cancel{-6}}} \\ &= -2x \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad 9x \div \frac{3}{4} \\ &= \overset{3}{\cancel{9}}x \times \frac{\underset{1}{\cancel{4}}}{\underset{1}{\cancel{3}}} \\ &= 12x \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad 15x \div \frac{3}{7} \\ &= \overset{5}{\cancel{15}}x \times \frac{\underset{1}{\cancel{7}}}{\underset{1}{\cancel{3}}} \\ &= 35x \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad 8x \div \left(-\frac{2}{5}\right) \\ &= \overset{4}{\cancel{8}}x \times \left(-\frac{\underset{1}{\cancel{5}}}{\underset{1}{\cancel{2}}}\right) \\ &= -20x \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad 6x \div \left(-\frac{2}{3}\right) \\ &= \overset{3}{\cancel{6}}x \times \left(-\frac{\underset{1}{\cancel{3}}}{\underset{1}{\cancel{2}}}\right) \\ &= -9x \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad (8x+6) \div 2 \\ &= \frac{\overset{4}{\cancel{8}}x}{\underset{1}{\cancel{2}}} + \frac{\overset{3}{\cancel{6}}}{\underset{1}{\cancel{2}}} \\ &= 4x+3 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad (15x+20) \div 5 \\ &= \frac{\overset{3}{\cancel{15}}x}{\underset{1}{\cancel{5}}} + \frac{\overset{4}{\cancel{20}}}{\underset{1}{\cancel{5}}} \\ &= 3x+4 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad (12x-18) \div (-6) \\ &= \frac{\overset{2}{\cancel{12}}x}{\underset{1}{\cancel{-6}}} + \frac{\overset{3}{\cancel{-18}}}{\underset{1}{\cancel{-6}}} \\ &= -2x+3 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad (9x-18) \div (-3) \\ &= \frac{\overset{3}{\cancel{9}}x}{\underset{1}{\cancel{-3}}} + \frac{\overset{6}{\cancel{-18}}}{\underset{1}{\cancel{-3}}} \\ &= -3x+6 \end{aligned}$$