



・ 分配法則を利用して、次の計算をなさい。

① $28 \times \left(\frac{6}{7} - \frac{9}{14} \right)$

③ $\left(-\frac{1}{8} - \frac{2}{9} \right) \times 72$

② $(-10) \times \left(\frac{4}{5} + \frac{1}{2} \right)$

④ $\left(\frac{3}{4} - \frac{7}{10} \right) \times (-20)$





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① $28 \times (\frac{6}{7} - \frac{9}{14})$

$$\begin{aligned} &= 28 \times \frac{6}{7} + 28 \times (-\frac{9}{14}) \\ &= (\frac{28}{1} \times \frac{6}{7}) - (\frac{28}{1} \times \frac{9}{14}) \\ &= 24 - 18 \\ &= 6 \end{aligned}$$

6

② $(-10) \times (\frac{4}{5} + \frac{1}{2})$

$$\begin{aligned} &= (-10) \times \frac{4}{5} + (-10) \times \frac{1}{2} \\ &= -(\frac{10}{1} \times \frac{4}{5}) - (\frac{10}{1} \times \frac{1}{2}) \\ &= -8 - 5 \\ &= -13 \end{aligned}$$

-13

③ $(-\frac{1}{8} - \frac{2}{9}) \times 72$

$$\begin{aligned} &= (-\frac{1}{8}) \times 72 + (-\frac{2}{9}) \times 72 \\ &= -(\frac{1}{8} \times \frac{72}{1}) - (\frac{2}{9} \times \frac{72}{1}) \\ &= -9 - 16 \\ &= -25 \end{aligned}$$

-25

④ $(\frac{3}{4} - \frac{7}{10}) \times (-20)$

$$\begin{aligned} &= \frac{3}{4} \times (-20) - \frac{7}{10} \times (-20) \\ &= -(\frac{3}{4} \times \frac{20}{1}) + (\frac{7}{10} \times \frac{20}{1}) \\ &= -15 + 14 \\ &= -1 \end{aligned}$$

-1

