・ 分配法則を利用して、次の計算をしなさい。

① $(-35) \times (\dfrac{5}{7} - \dfrac{2}{5})$

③ $(-\dfrac{3}{4} + \dfrac{1}{3}) \times 12$

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② $(\dfrac{5}{6} - \dfrac{3}{8}) \times 48$

④ $(-56) \times (\dfrac{5}{8} + \dfrac{4}{7})$

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すらぷり

・ 分配法則を利用して、次の計算をしなさい。

① $(-35) \times (\frac{5}{7} - \frac{2}{5})$

$= (-35) \times \frac{5}{7} + (-35) \times (-\frac{2}{5})$

$= -(\overset{5}{\cancel{35}} \times \frac{5}{\cancel{7}}) + (\overset{7}{\cancel{35}} \times \frac{2}{\cancel{5}})$

$= -25 + 14$

$= -11$

$\underline{\qquad -11 \qquad}$

③ $(-\frac{3}{4} + \frac{1}{3}) \times 12$

$= (-\frac{3}{4}) \times 12 + \frac{1}{3} \times 12$

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

$= -9 + 4$

$= -5$

$\underline{\qquad -5 \qquad}$

② $(\frac{5}{6} - \frac{3}{8}) \times 48$

$= \frac{5}{6} \times 48 - \frac{3}{8} \times 48$

$= (\frac{5}{\cancel{6}} \times \frac{\cancel{48}^{8}}{1}) - (\frac{3}{\cancel{8}} \times \frac{\cancel{48}^{6}}{1})$

$= 40 - 18$

$= 22$

$\underline{\qquad 22 \qquad}$

④ $(-56) \times (\frac{5}{8} + \frac{4}{7})$

$= (-56) \times \frac{5}{8} + (-56) \times \frac{4}{7}$

$= -(\overset{7}{\cancel{56}} \times \frac{5}{\cancel{8}}) - (\overset{8}{\cancel{56}} \times \frac{4}{\cancel{7}})$

$= -35 - 32$

$= -67$

$\underline{\qquad -67 \qquad}$

すらぷり