

計算の決まりは分数の場合でも成り立つ

① $a \times b = b \times a$

② $(a \times b) \times c = a \times (b \times c)$

③ $(a+b) \times c = a \times c + b \times c$

④ $(a-b) \times c = a \times c - b \times c$

$c \times (a+b) = a \times c + b \times c$

$c \times (a-b) = a \times c - b \times c$

問題1 次の計算を工夫してやりなさい。

$$\begin{aligned}
 \text{① } \left(\frac{7}{8} \times \frac{5}{6}\right) \times \frac{6}{5} &= \frac{7}{8} \times \left(\frac{5}{6} \times \frac{6}{5}\right) \\
 &= \frac{7}{8} \times 1 \\
 &= \frac{7}{8}
 \end{aligned}$$

$$\begin{aligned}
 \text{② } \left(\frac{2}{3} + \frac{1}{4}\right) \times 12 &= \frac{2}{3} \times 12 + \frac{1}{4} \times 12 \\
 &= 8 + 3 \\
 &= 11
 \end{aligned}$$