

## 計算の工夫-②

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。

$$\begin{aligned}
 \textcircled{1} \quad \frac{3}{4} \times 5 + \frac{3}{4} \times 7 &= \frac{3}{4} \times (5+7) \\
 &= \frac{3}{\cancel{4}_1} \times \cancel{12}^3 \\
 &= 9
 \end{aligned}$$

$$\begin{aligned}
 \textcircled{2} \quad 17 \times \frac{5}{6} - 5 \times \frac{5}{6} &= (17-5) \times \frac{5}{6} \\
 &= \cancel{12}^2 \times \frac{5}{\cancel{6}_1} \\
 &= 10
 \end{aligned}$$