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|--|--|---|---|---|----|--|---|
| | | 年 | 月 | 日 | 名前 | | 点 |
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分数のかけ算・わり算 ⑤

①

$$\begin{aligned} \left(\frac{2}{9} + \frac{1}{4}\right) \times 3 &= \left(\frac{8}{36} + \frac{9}{36}\right) \times 3 \\ &= \frac{17 \times \cancel{3}^1}{12 \times \cancel{36} \times 1} \\ &= \frac{17}{12} \end{aligned}$$

②

$$\begin{aligned} \left(\frac{3}{7} + \frac{1}{5}\right) \times 5 &= \left(\frac{15}{35} + \frac{7}{35}\right) \times 5 \\ &= \frac{22 \times \cancel{5}^1}{7 \times \cancel{35} \times 1} \\ &= \frac{22}{7} \end{aligned}$$

③

$$\begin{aligned} \left(\frac{5}{8} + \frac{3}{4}\right) \times 12 &= \left(\frac{5}{8} + \frac{6}{8}\right) \times 12 \\ &= \frac{11 \times \cancel{12}^3}{2 \times \cancel{8} \times 1} \\ &= \frac{33}{2} \end{aligned}$$

④

$$\begin{aligned} \left(\frac{7}{12} - \frac{1}{8}\right) \div 2 &= \left(\frac{14}{24} - \frac{3}{24}\right) \times \frac{1}{2} \\ &= \frac{11 \times 1}{24 \times 2} \\ &= \frac{11}{48} \end{aligned}$$

⑤

$$\begin{aligned} \left(\frac{4}{15} - \frac{1}{12}\right) \div 11 &= \left(\frac{16}{60} - \frac{5}{60}\right) \times \frac{1}{11} \\ &= \frac{11 \times 1}{60 \times 11} \\ &= \frac{1}{60} \end{aligned}$$

⑥

$$\begin{aligned} \left(\frac{11}{24} - \frac{1}{6}\right) \div 7 &= \left(\frac{11}{24} - \frac{4}{24}\right) \times \frac{1}{7} \\ &= \frac{7 \times 1}{24 \times 7} \\ &= \frac{1}{24} \end{aligned}$$