

次の計算をしましょう。

$$(1) \frac{5}{12} \div \left(\frac{2}{3} + \frac{2}{9} \right) = \frac{5}{12} \div \left(\frac{6}{9} + \frac{2}{9} \right) = \frac{5}{12} \div \frac{8}{9} = \frac{5}{12} \times \frac{9}{8} = \frac{5 \times 3}{4 \times 4} = \frac{15}{16}$$

$$(2) \frac{15}{28} \div \frac{25}{14} - \frac{2}{30} = \frac{15}{28} \times \frac{14}{25} - \frac{2}{30} = \frac{3}{10} - \frac{2}{30} = \frac{9}{30} - \frac{2}{30} = \frac{7}{30}$$

$$(3) \frac{7}{8} - \frac{2}{3} \times \frac{5}{6} = \frac{7}{8} - \frac{2 \times 5}{3 \times 6} = \frac{7}{8} - \frac{5}{9} = \frac{63}{72} - \frac{40}{72} = \frac{23}{72}$$

$$(4) \frac{2}{9} + \frac{10}{27} \times \frac{6}{25} = \frac{2}{9} + \frac{10 \times 6}{27 \times 25} = \frac{2}{9} + \frac{4}{45} = \frac{10}{45} + \frac{4}{45} = \frac{14}{45}$$

$$(5) \left(\frac{5}{6} - \frac{2}{9} \right) \div \frac{33}{9} = \left(\frac{15}{18} - \frac{4}{18} \right) \times \frac{9}{33} = \frac{11}{18} \times \frac{9}{33} = \frac{1}{6}$$

