

次の計算をしましょう。

$$(1) \frac{7}{24} \div \left(\frac{5}{12} - \frac{2}{9} \right) = \frac{7}{24} \div \left(\frac{15}{36} - \frac{8}{36} \right) = \frac{\overset{1}{\cancel{7}} \times \overset{3}{\cancel{36}}}{\underset{2}{\cancel{24}} \times \underset{1}{\cancel{7}}} = \frac{3}{2} \quad (=1\frac{1}{2})$$

$$(2) \frac{11}{8} - \frac{25}{14} \div \frac{40}{21} = \frac{11}{8} - \frac{\overset{5}{\cancel{25}} \times \overset{3}{\cancel{21}}}{\underset{2}{\cancel{14}} \times \underset{8}{\cancel{40}}} = \frac{11}{8} - \frac{15}{16} = \frac{22}{16} - \frac{15}{16} = \frac{7}{16}$$

$$(3) \frac{7}{10} - \frac{16}{25} \times \frac{15}{24} = \frac{7}{10} - \frac{\overset{2}{\cancel{16}} \times \overset{3}{\cancel{15}}}{\underset{5}{\cancel{25}} \times \underset{3}{\cancel{24}}} = \frac{7}{10} - \frac{6}{15} = \frac{21}{30} - \frac{12}{30} = \frac{9}{30}$$

$$(4) \frac{15}{32} \div \frac{5}{24} - \frac{13}{9} = \frac{\overset{3}{\cancel{15}} \times \overset{3}{\cancel{24}}}{\underset{4}{\cancel{32}} \times \underset{1}{\cancel{5}}} - \frac{13}{9} = \frac{9}{4} - \frac{13}{9} = \frac{81}{36} - \frac{52}{36} = \frac{29}{36}$$

$$(5) \left(\frac{6}{7} - \frac{3}{8} \right) \div \frac{45}{16} = \left(\frac{48}{56} - \frac{21}{56} \right) \times \frac{16}{45} = \frac{\overset{3}{\cancel{27}} \times \overset{2}{\cancel{16}}}{\underset{7}{\cancel{56}} \times \underset{5}{\cancel{45}}} = \frac{6}{35}$$

