

分数のわり算4

(3口の計算)

年 組 名前()

次の分数の計算をしましょう。

$$(1) \frac{2}{9} \div \frac{4}{5} \times \frac{8}{9} = \frac{2 \times 5 \times 8}{9 \times 4 \times 9} =$$

$$(2) \frac{8}{9} \times \frac{6}{11} \div \frac{12}{17}$$

$$(3) \frac{6}{5} \div \frac{3}{4} \div \frac{2}{3}$$

$$(4) \frac{4}{9} \div \frac{4}{7} \times \frac{4}{7}$$

$$(5) \frac{6}{5} \div \frac{6}{7} \div \frac{2}{5}$$

$$(6) \frac{4}{7} \times \frac{3}{5} \div \frac{12}{13}$$

$$(7) \frac{4}{5} \times \frac{6}{7} \div \frac{12}{17}$$

$$(8) \frac{8}{5} \div \frac{4}{7} \div \frac{8}{9}$$

$$(9) \frac{6}{5} \div \frac{6}{11} \div \frac{4}{5}$$

$$(10) \frac{3}{4} \div \frac{6}{11} \times \frac{4}{7}$$

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$$(1) \frac{2}{9} \div \frac{4}{5} \times \frac{8}{9} = \frac{\overset{1}{\cancel{2}} \times 5 \times \overset{4}{\cancel{8}}}{9 \times \cancel{4} \times 9} = \frac{20}{81}$$

$$(2) \frac{8}{9} \times \frac{6}{11} \div \frac{12}{17} = \frac{\overset{2}{\cancel{8}} \times \overset{2}{\cancel{6}} \times 17}{\cancel{9} \times 11 \times \overset{3}{\cancel{12}}} = \frac{68}{99}$$

$$(3) \frac{6}{5} \div \frac{3}{4} \div \frac{2}{3} = \frac{\overset{1}{\cancel{6}} \times 4 \times 3}{5 \times \cancel{3} \times \overset{1}{\cancel{2}}} = \frac{12}{5}$$

$$(4) \frac{4}{9} \div \frac{4}{7} \times \frac{4}{7} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{7}} \times 4}{9 \times \cancel{4} \times \overset{1}{\cancel{7}}} = \frac{4}{9}$$

$$(5) \frac{6}{5} \div \frac{6}{7} \div \frac{2}{5} = \frac{\overset{1}{\cancel{6}} \times 7 \times \overset{1}{\cancel{5}}}{\cancel{5} \times \cancel{6} \times 2} = \frac{7}{2}$$

$$(6) \frac{4}{7} \times \frac{3}{5} \div \frac{12}{13} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{3}} \times 13}{7 \times 5 \times \overset{1}{\cancel{12}}} = \frac{13}{35}$$

$$(7) \frac{4}{5} \times \frac{6}{7} \div \frac{12}{17} = \frac{\overset{1}{\cancel{4}} \times \overset{2}{\cancel{6}} \times 17}{5 \times 7 \times \overset{1}{\cancel{12}}} = \frac{34}{35}$$

$$(8) \frac{8}{5} \div \frac{4}{7} \div \frac{8}{9} = \frac{\overset{1}{\cancel{8}} \times 7 \times 9}{5 \times \cancel{4} \times \overset{1}{\cancel{8}}} = \frac{63}{20}$$

$$(9) \frac{6}{5} \div \frac{6}{11} \div \frac{4}{5} = \frac{\overset{1}{\cancel{6}} \times 11 \times \overset{1}{\cancel{5}}}{\cancel{5} \times \cancel{6} \times 4} = \frac{11}{4}$$

$$(10) \frac{3}{4} \div \frac{6}{11} \times \frac{4}{7} = \frac{\overset{1}{\cancel{3}} \times 11 \times \overset{1}{\cancel{4}}}{\cancel{4} \times \overset{2}{\cancel{6}} \times 7} = \frac{11}{14}$$