

分数7

(分数×整数 約分あり)

年 組 名前()

次の分数の計算をしましょう。

$$(1) \frac{2}{9} \times \frac{3}{8} = \frac{2 \times 3}{9 \times 8} =$$

$$(9) \frac{8}{9} \times \frac{3}{16}$$

$$(2) \frac{15}{17} \times \frac{4}{15}$$

$$(10) \frac{5}{7} \times \frac{3}{5}$$

$$(3) \frac{5}{6} \times \frac{6}{5}$$

$$(11) \frac{3}{8} \times \frac{4}{9}$$

$$(4) \frac{3}{2} \times \frac{2}{9}$$

$$(12) \frac{9}{8} \times \frac{4}{3}$$

$$(5) \frac{10}{13} \times \frac{7}{5}$$

$$(13) \frac{3}{4} \times \frac{4}{9}$$

$$(6) \frac{2}{3} \times \frac{9}{2}$$

$$(14) \frac{4}{5} \times \frac{15}{4}$$

$$(7) \frac{5}{9} \times \frac{2}{15}$$

$$(15) \frac{3}{16} \times \frac{4}{9}$$

$$(8) \frac{4}{3} \times \frac{3}{8}$$

$$(16) \frac{3}{4} \times \frac{2}{9}$$

$$(17) \frac{3}{2} \times \frac{4}{5} \times \frac{4}{7}$$

$$(18) \frac{5}{4} \times \frac{8}{3} \times \frac{3}{4}$$

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次の分数の計算をしましょう。

$$(1) \frac{2}{9} \times \frac{3}{8} = \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times \underset{4}{\cancel{8}}} = \frac{1}{12} \quad (9) \frac{8}{9} \times \frac{3}{16} = \frac{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times \underset{2}{\cancel{16}}} = \frac{1}{6}$$

$$(2) \frac{15}{17} \times \frac{4}{15} = \frac{\overset{1}{\cancel{15}} \times 4}{17 \times \underset{1}{\cancel{15}}} = \frac{4}{17} \quad (10) \frac{5}{7} \times \frac{3}{5} = \frac{\overset{1}{\cancel{5}} \times 3}{7 \times \underset{1}{\cancel{5}}} = \frac{3}{7}$$

$$(3) \frac{5}{6} \times \frac{6}{5} = \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{6}}}{\underset{1}{\cancel{6}} \times \underset{1}{\cancel{5}}} = 1 \quad (11) \frac{3}{8} \times \frac{4}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times \underset{3}{\cancel{9}}} = \frac{1}{6}$$

$$(4) \frac{3}{2} \times \frac{2}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}}}{\underset{2}{\cancel{2}} \times \underset{3}{\cancel{9}}} = \frac{1}{3} \quad (12) \frac{9}{8} \times \frac{4}{3} = \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times \underset{1}{\cancel{3}}} = \frac{3}{2}$$

$$(5) \frac{10}{13} \times \frac{7}{5} = \frac{\overset{2}{\cancel{10}} \times 7}{13 \times \underset{1}{\cancel{5}}} = \frac{14}{13} \quad (13) \frac{3}{4} \times \frac{4}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{4}} \times \underset{3}{\cancel{9}}} = \frac{1}{3}$$

$$(6) \frac{2}{3} \times \frac{9}{2} = \frac{\overset{1}{\cancel{2}} \times \overset{3}{\cancel{9}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{2}}} = 3 \quad (14) \frac{4}{5} \times \frac{15}{4} = \frac{\overset{1}{\cancel{4}} \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{4}}} = 3$$

$$(7) \frac{5}{9} \times \frac{2}{15} = \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{2}}}{\underset{3}{\cancel{9}} \times \underset{3}{\cancel{15}}} = \frac{2}{27} \quad (15) \frac{3}{16} \times \frac{4}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}}}{\underset{4}{\cancel{16}} \times \underset{3}{\cancel{9}}} = \frac{1}{12}$$

$$(8) \frac{4}{3} \times \frac{3}{8} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{3}}}{\underset{1}{\cancel{3}} \times \underset{2}{\cancel{8}}} = \frac{1}{2} \quad (16) \frac{3}{4} \times \frac{2}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}}}{\underset{2}{\cancel{4}} \times \underset{3}{\cancel{9}}} = \frac{1}{6}$$

$$(17) \frac{3}{2} \times \frac{4}{5} \times \frac{4}{7} = \frac{3 \times \overset{2}{\cancel{4}} \times 4}{\underset{1}{\cancel{2}} \times 5 \times 7} = \frac{24}{35}$$

$$(18) \frac{5}{4} \times \frac{8}{3} \times \frac{3}{4} = \frac{5 \times \overset{1}{\cancel{8}} \times \overset{1}{\cancel{3}}}{\underset{1}{\cancel{4}} \times \underset{1}{\cancel{3}} \times \underset{2}{\cancel{4}}} = \frac{5}{2}$$