

分数Ⅰ

(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。

$$(1) \frac{8}{3} \times \frac{3}{16} = \frac{8 \times 3}{3 \times 16} =$$

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

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

$$(10) \frac{8}{7} \times \frac{7}{8}$$

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

$$(11) \frac{4}{9} \times \frac{3}{2}$$

$$(4) \frac{8}{5} \times \frac{5}{2}$$

$$(12) \frac{6}{11} \times \frac{2}{3}$$

$$(5) \frac{4}{9} \times \frac{3}{8}$$

$$(13) \frac{2}{7} \times \frac{1}{2}$$

$$(6) \frac{3}{16} \times \frac{8}{9}$$

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

$$(7) \frac{10}{11} \times \frac{1}{10}$$

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

$$(8) \frac{4}{9} \times \frac{3}{16}$$

$$(16) \frac{8}{13} \times \frac{5}{8}$$

$$(17) \frac{4}{7} \times \frac{6}{7} \times \frac{3}{4}$$

$$(18) \frac{9}{8} \times \frac{4}{3} \times \frac{3}{5}$$

分数I

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次の分数の計算をしましょう。

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

$$(2) \frac{8}{9} \times \frac{3}{8} = \frac{\overset{1}{\cancel{8}} \times \overset{2}{\cancel{3}}}{\cancel{9} \times \cancel{8}} = \frac{1}{3} \quad (10) \frac{8}{7} \times \frac{7}{8} = \frac{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{7}}}{\cancel{7} \times \cancel{8}} = 1$$

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

$$(4) \frac{8}{5} \times \frac{5}{2} = \frac{\overset{4}{\cancel{8}} \times \overset{1}{\cancel{5}}}{\cancel{5} \times \cancel{2}} = 4 \quad (12) \frac{6}{11} \times \frac{2}{3} = \frac{\overset{2}{\cancel{6}} \times \overset{1}{\cancel{2}}}{\cancel{11} \times \cancel{3}} = \frac{4}{11}$$

$$(5) \frac{4}{9} \times \frac{3}{8} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{3}}}{\cancel{9} \times \cancel{8}} = \frac{1}{6} \quad (13) \frac{2}{7} \times \frac{1}{2} = \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{1}}}{\cancel{7} \times \cancel{2}} = \frac{1}{7}$$

$$(6) \frac{3}{16} \times \frac{8}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{8}}}{\cancel{16} \times \cancel{9}} = \frac{1}{6} \quad (14) \frac{4}{5} \times \frac{15}{4} = \frac{\overset{1}{\cancel{4}} \times \overset{3}{\cancel{15}}}{\cancel{5} \times \cancel{4}} = 3$$

$$(7) \frac{10}{11} \times \frac{1}{10} = \frac{\overset{1}{\cancel{10}} \times \overset{1}{\cancel{1}}}{\cancel{11} \times \cancel{10}} = \frac{1}{11} \quad (15) \frac{3}{4} \times \frac{4}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}}}{\cancel{4} \times \cancel{9}} = \frac{1}{3}$$

$$(8) \frac{4}{9} \times \frac{3}{16} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{3}}}{\cancel{9} \times \cancel{16}} = \frac{1}{12} \quad (16) \frac{8}{13} \times \frac{5}{8} = \frac{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{5}}}{\cancel{13} \times \cancel{8}} = \frac{5}{13}$$

$$(17) \frac{4}{7} \times \frac{6}{7} \times \frac{3}{4} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{6}} \times \overset{1}{\cancel{3}}}{\cancel{7} \times \cancel{7} \times \cancel{4}} = \frac{18}{49}$$

$$(18) \frac{9}{8} \times \frac{4}{3} \times \frac{3}{5} = \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{4}} \times \overset{1}{\cancel{3}}}{\cancel{8} \times \cancel{3} \times \cancel{5}} = \frac{9}{10}$$