

分数3

(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。

$$(1) \frac{3}{4} \times \frac{5}{9} = \frac{3 \times 5}{4 \times 9} =$$

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

$$(2) \frac{4}{3} \times \frac{9}{8}$$

$$(10) \frac{5}{6} \times \frac{6}{5}$$

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

$$(11) \frac{12}{13} \times \frac{9}{8}$$

$$(4) \frac{15}{16} \times \frac{1}{5}$$

$$(12) \frac{2}{9} \times \frac{3}{8}$$

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

$$(13) \frac{4}{9} \times \frac{3}{16}$$

$$(6) \frac{5}{6} \times \frac{12}{5}$$

$$(14) \frac{8}{3} \times \frac{3}{16}$$

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

$$(15) \frac{8}{9} \times \frac{3}{16}$$

$$(8) \frac{12}{17} \times \frac{3}{4}$$

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

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

$$(18) \frac{4}{7} \times \frac{7}{6} \times \frac{3}{5}$$

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次の分数の計算をしましょう。

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

$$(2) \frac{4}{3} \times \frac{9}{8} = \frac{\overset{3}{\cancel{4}} \times \overset{2}{\cancel{9}} \cancel{8}}{\cancel{3} \times \cancel{4}} = \frac{3}{2} \quad (10) \frac{5}{6} \times \frac{6}{5} = \frac{\overset{3}{\cancel{5}} \times \overset{2}{\cancel{6}} \cancel{6}}{\cancel{6} \times \cancel{5}} = 1$$

$$(3) \frac{2}{3} \times \frac{9}{2} = \frac{\overset{3}{\cancel{2}} \times \overset{2}{\cancel{9}} \cancel{2}}{\cancel{3} \times \cancel{2}} = 3 \quad (11) \frac{12}{13} \times \frac{9}{8} = \frac{\overset{3}{\cancel{12}} \times \overset{2}{\cancel{9}} \cancel{8}}{\cancel{13} \times \cancel{4}} = \frac{27}{26}$$

$$(4) \frac{15}{16} \times \frac{1}{5} = \frac{\overset{3}{\cancel{15}} \times \cancel{1}}{\cancel{16} \times \cancel{5}} = \frac{3}{16} \quad (12) \frac{2}{9} \times \frac{3}{8} = \frac{\overset{3}{\cancel{2}} \times \overset{4}{\cancel{3}} \cancel{8}}{\cancel{9} \times \cancel{4}} = \frac{1}{12}$$

$$(5) \frac{4}{3} \times \frac{3}{8} = \frac{\overset{2}{\cancel{4}} \times \overset{2}{\cancel{3}} \cancel{8}}{\cancel{3} \times \cancel{4}} = \frac{1}{2} \quad (13) \frac{4}{9} \times \frac{3}{16} = \frac{\overset{3}{\cancel{4}} \times \overset{4}{\cancel{3}} \cancel{16}}{\cancel{9} \times \cancel{4}} = \frac{1}{12}$$

$$(6) \frac{5}{6} \times \frac{12}{5} = \frac{\overset{2}{\cancel{5}} \times \overset{2}{\cancel{12}} \cancel{6}}{\cancel{6} \times \cancel{5}} = 2 \quad (14) \frac{8}{3} \times \frac{3}{16} = \frac{\overset{4}{\cancel{8}} \times \overset{2}{\cancel{3}} \cancel{16}}{\cancel{3} \times \cancel{4}} = \frac{1}{2}$$

$$(7) \frac{4}{3} \times \frac{3}{4} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{3}} \cancel{4}}{\cancel{3} \times \cancel{4}} = 1 \quad (15) \frac{8}{9} \times \frac{3}{16} = \frac{\overset{3}{\cancel{8}} \times \overset{2}{\cancel{3}} \cancel{16}}{\cancel{9} \times \cancel{4}} = \frac{1}{6}$$

$$(8) \frac{12}{17} \times \frac{3}{4} = \frac{\overset{3}{\cancel{12}} \times \overset{1}{\cancel{3}} \cancel{4}}{\cancel{17} \times \cancel{4}} = \frac{9}{17} \quad (16) \frac{8}{9} \times \frac{3}{8} = \frac{\overset{3}{\cancel{8}} \times \overset{1}{\cancel{3}} \cancel{8}}{\cancel{9} \times \cancel{8}} = \frac{1}{3}$$

$$(17) \frac{7}{6} \times \frac{3}{4} \times \frac{3}{4} = \frac{\overset{2}{\cancel{6}} \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{3}} \times \overset{2}{\cancel{4}} \times \overset{2}{\cancel{4}}}{\cancel{7} \times \cancel{4} \times \cancel{4}} = \frac{21}{32}$$

$$(18) \frac{4}{7} \times \frac{7}{6} \times \frac{3}{5} = \frac{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{7}} \times \overset{1}{\cancel{3}} \times \overset{2}{\cancel{6}} \times \overset{1}{\cancel{5}}}{\cancel{7} \times \cancel{6} \times \cancel{5}} = \frac{2}{5}$$