

分数4

(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。

$$(1) \frac{8}{13} \times \frac{5}{12} = \frac{8 \times 5}{13 \times 12} =$$

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

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

$$(10) \frac{8}{9} \times \frac{3}{8}$$

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

$$(11) \frac{4}{9} \times \frac{3}{16}$$

$$(4) \frac{3}{5} \times \frac{10}{3}$$

$$(12) \frac{3}{4} \times \frac{2}{9}$$

$$(5) \frac{8}{9} \times \frac{3}{16}$$

$$(13) \frac{9}{11} \times \frac{2}{3}$$

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

$$(14) \frac{4}{9} \times \frac{9}{8}$$

$$(7) \frac{4}{3} \times \frac{7}{12}$$

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

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

$$(16) \frac{6}{5} \times \frac{5}{6}$$

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

$$(18) \frac{5}{4} \times \frac{2}{3} \times \frac{3}{8}$$

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次の分数の計算をしましょう。

$$(1) \frac{8}{13} \times \frac{5}{12} = \frac{\overset{2}{\cancel{8}} \times 5}{13 \times \cancel{12}} = \frac{10}{39} \quad (9) \frac{3}{8} \times \frac{2}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}}}{\cancel{8} \times \cancel{9}} = \frac{1}{12}$$

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

$$(3) \frac{3}{8} \times \frac{4}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}}}{\cancel{8} \times \cancel{9}} = \frac{1}{6} \quad (11) \frac{4}{9} \times \frac{3}{16} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{3}}}{\cancel{9} \times \cancel{16}} = \frac{1}{12}$$

$$(4) \frac{3}{5} \times \frac{10}{3} = \frac{\overset{2}{\cancel{3}} \times \overset{2}{\cancel{10}}}{\cancel{5} \times \cancel{3}} = 2 \quad (12) \frac{3}{4} \times \frac{2}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}}}{\cancel{4} \times \cancel{9}} = \frac{1}{6}$$

$$(5) \frac{8}{9} \times \frac{3}{16} = \frac{\overset{3}{\cancel{8}} \times \overset{1}{\cancel{3}}}{\cancel{9} \times \cancel{16}} = \frac{1}{6} \quad (13) \frac{9}{11} \times \frac{2}{3} = \frac{\overset{3}{\cancel{9}} \times \overset{2}{\cancel{2}}}{11 \times \cancel{3}} = \frac{6}{11}$$

$$(6) \frac{5}{6} \times \frac{12}{5} = \frac{\overset{1}{\cancel{5}} \times \overset{2}{\cancel{12}}}{\cancel{6} \times \cancel{5}} = 2 \quad (14) \frac{4}{9} \times \frac{9}{8} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{9}}}{\cancel{9} \times \cancel{8}} = \frac{1}{2}$$

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

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

$$(17) \frac{4}{7} \times \frac{3}{4} \times \frac{5}{4} = \frac{\overset{1}{\cancel{4}} \times 3 \times 5}{7 \times \cancel{4} \times 4} = \frac{15}{28}$$

$$(18) \frac{5}{4} \times \frac{2}{3} \times \frac{3}{8} = \frac{5 \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{3}}}{\cancel{4} \times \cancel{3} \times 8} = \frac{5}{16}$$