

分数2

(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。

$$(1) \frac{9}{13} \times \frac{1}{3} = \frac{9 \times 1}{13 \times 3} =$$

$$(9) \frac{15}{17} \times \frac{1}{15}$$

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

$$(10) \frac{4}{5} \times \frac{15}{4}$$

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

$$(11) \frac{8}{9} \times \frac{3}{16}$$

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

$$(12) \frac{3}{8} \times \frac{5}{9}$$

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

$$(13) \frac{4}{3} \times \frac{3}{8}$$

$$(6) \frac{8}{3} \times \frac{3}{4}$$

$$(14) \frac{7}{2} \times \frac{2}{7}$$

$$(7) \frac{4}{9} \times \frac{3}{16}$$

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

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

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

$$(17) \frac{9}{8} \times \frac{4}{5} \times \frac{3}{4}$$

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

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次の分数の計算をしましょう。

$$(1) \frac{9}{13} \times \frac{1}{3} = \frac{\overset{3}{\cancel{9}} \times 1}{13 \times \cancel{3}} = \frac{3}{13} \quad (9) \frac{15}{17} \times \frac{1}{15} = \frac{\overset{1}{\cancel{15}} \times 1}{17 \times \cancel{15}} = \frac{1}{17}$$

$$(2) \frac{3}{4} \times \frac{4}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}}}{\cancel{4} \times \overset{3}{\cancel{9}}} = \frac{1}{3} \quad (10) \frac{4}{5} \times \frac{15}{4} = \frac{\cancel{4} \times \overset{3}{\cancel{15}}}{\cancel{5} \times \cancel{4}} = 3$$

$$(3) \frac{3}{4} \times \frac{2}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{2}}}{\cancel{4} \times \overset{3}{\cancel{9}}} = \frac{1}{6} \quad (11) \frac{8}{9} \times \frac{3}{16} = \frac{\overset{2}{\cancel{8}} \times \overset{1}{\cancel{3}}}{\cancel{9} \times \overset{2}{\cancel{16}}} = \frac{1}{6}$$

$$(4) \frac{3}{4} \times \frac{5}{6} = \frac{\overset{1}{\cancel{3}} \times 5}{\cancel{4} \times \overset{2}{\cancel{6}}} = \frac{5}{8} \quad (12) \frac{3}{8} \times \frac{5}{9} = \frac{\overset{1}{\cancel{3}} \times 5}{8 \times \overset{3}{\cancel{9}}} = \frac{5}{24}$$

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

$$(6) \frac{8}{3} \times \frac{3}{4} = \frac{\overset{2}{\cancel{8}} \times \overset{1}{\cancel{3}}}{\cancel{3} \times \overset{1}{\cancel{4}}} = 2 \quad (14) \frac{7}{2} \times \frac{2}{7} = \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{2}}}{\cancel{2} \times \overset{1}{\cancel{7}}} = 1$$

$$(7) \frac{4}{9} \times \frac{3}{16} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{3}}}{\cancel{9} \times \overset{4}{\cancel{16}}} = \frac{1}{12} \quad (15) \frac{8}{3} \times \frac{3}{16} = \frac{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{3}}}{\cancel{3} \times \overset{2}{\cancel{16}}} = \frac{1}{2}$$

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

$$(17) \frac{9}{8} \times \frac{4}{5} \times \frac{3}{4} = \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{4}} \times 3}{\cancel{8} \times 5 \times \cancel{4}} = \frac{27}{40}$$

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