

# 分数8

(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。

$$(1) \frac{9}{11} \times \frac{1}{9} = \frac{9 \times 1}{11 \times 9} =$$

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

$$(2) \frac{3}{5} \times \frac{1}{9}$$

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

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

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

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

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

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

$$(13) \frac{3}{8} \times \frac{5}{3}$$

$$(6) \frac{2}{9} \times \frac{3}{8}$$

$$(14) \frac{8}{9} \times \frac{3}{16}$$

$$(7) \frac{8}{9} \times \frac{7}{12}$$

$$(15) \frac{4}{7} \times \frac{7}{4}$$

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

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

$$(17) \frac{8}{11} \times \frac{3}{5} \times \frac{5}{4}$$

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

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次の分数の計算をしましょう。

$$(1) \frac{9}{11} \times \frac{1}{9} = \frac{\cancel{9}^1 \times 1}{11 \times \cancel{9}_1} = \frac{1}{11} \quad (9) \frac{8}{3} \times \frac{3}{16} = \frac{\cancel{8}^1 \times \cancel{3}_1}{\cancel{3}_1 \times \cancel{16}_2} = \frac{1}{2}$$

$$(2) \frac{3}{5} \times \frac{1}{9} = \frac{\cancel{3}_1 \times 1}{5 \times \cancel{9}_3} = \frac{1}{15} \quad (10) \frac{4}{5} \times \frac{15}{4} = \frac{\cancel{4}_1 \times \cancel{15}_3}{\cancel{5}_3 \times \cancel{4}_1} = 3$$

$$(3) \frac{3}{8} \times \frac{4}{3} = \frac{\cancel{3}_1 \times \cancel{4}_2}{\cancel{8}_2 \times \cancel{3}_1} = \frac{1}{2} \quad (11) \frac{3}{4} \times \frac{8}{3} = \frac{\cancel{3}_1 \times \cancel{8}_2}{\cancel{4}_2 \times \cancel{3}_1} = 2$$

$$(4) \frac{3}{2} \times \frac{4}{9} = \frac{\cancel{3}_1 \times \cancel{4}_2}{\cancel{2}_2 \times \cancel{9}_3} = \frac{2}{3} \quad (12) \frac{2}{9} \times \frac{3}{4} = \frac{\cancel{2}_1 \times \cancel{3}_1}{\cancel{9}_3 \times \cancel{4}_2} = \frac{1}{6}$$

$$(5) \frac{8}{9} \times \frac{3}{8} = \frac{\cancel{8}_1 \times \cancel{3}_1}{\cancel{9}_3 \times \cancel{8}_2} = \frac{1}{3} \quad (13) \frac{3}{8} \times \frac{5}{3} = \frac{\cancel{3}_1 \times 5}{8 \times \cancel{3}_1} = \frac{5}{8}$$

$$(6) \frac{2}{9} \times \frac{3}{8} = \frac{\cancel{2}_1 \times \cancel{3}_1}{\cancel{9}_3 \times \cancel{8}_4} = \frac{1}{12} \quad (14) \frac{8}{9} \times \frac{3}{16} = \frac{\cancel{8}_1 \times \cancel{3}_1}{\cancel{9}_3 \times \cancel{16}_2} = \frac{1}{6}$$

$$(7) \frac{8}{9} \times \frac{7}{12} = \frac{\cancel{8}_1 \times 7}{9 \times \cancel{12}_3} = \frac{14}{27} \quad (15) \frac{4}{7} \times \frac{7}{4} = \frac{\cancel{4}_1 \times \cancel{7}_1}{\cancel{7}_1 \times \cancel{4}_1} = 1$$

$$(8) \frac{4}{9} \times \frac{3}{16} = \frac{\cancel{4}_1 \times \cancel{3}_1}{\cancel{9}_3 \times \cancel{16}_4} = \frac{1}{12} \quad (16) \frac{4}{9} \times \frac{3}{4} = \frac{\cancel{4}_1 \times \cancel{3}_1}{\cancel{9}_3 \times \cancel{4}_1} = \frac{1}{3}$$

$$(17) \frac{8}{11} \times \frac{3}{5} \times \frac{5}{4} = \frac{\cancel{8}_1 \times \cancel{3}_1 \times \cancel{5}_1}{11 \times \cancel{5}_1 \times \cancel{4}_2} = \frac{6}{11}$$

$$(18) \frac{2}{3} \times \frac{5}{3} \times \frac{3}{5} = \frac{2 \times \cancel{5}_1 \times \cancel{3}_1}{\cancel{3}_1 \times 3 \times \cancel{5}_1} = \frac{2}{3}$$