

分数×分数 ②

次の計算をしましょう。答えは約分しましょう。

$$(1) \frac{3}{4} \times \frac{5}{2} = \frac{3 \times 5}{4 \times 2} = \frac{15}{8} = 1\frac{7}{8} \quad (11) \frac{3}{5} \times \frac{7}{2} = \frac{3 \times 7}{5 \times 2} = \frac{21}{10} = 2\frac{1}{10}$$

$$(2) \frac{5}{3} \times \frac{2}{3} = \frac{5 \times 2}{3 \times 3} = \frac{10}{9} = 1\frac{1}{9} \quad (12) \frac{3}{7} \times \frac{5}{2} = \frac{3 \times 5}{7 \times 2} = \frac{15}{14} = 1\frac{1}{14}$$

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

$$(4) \frac{1}{3} \times \frac{7}{2} = \frac{1 \times 7}{3 \times 2} = \frac{7}{6} = 1\frac{1}{6} \quad (14) \frac{4}{3} \times \frac{5}{3} = \frac{4 \times 5}{3 \times 3} = \frac{20}{9} = 2\frac{2}{9}$$

$$(5) \frac{5}{4} \times \frac{5}{3} = \frac{5 \times 5}{4 \times 3} = \frac{25}{12} = 2\frac{1}{12} \quad (15) \frac{7}{3} \times \frac{7}{5} = \frac{7 \times 7}{3 \times 5} = \frac{49}{15} = 3\frac{4}{15}$$

$$(6) \frac{5}{2} \times \frac{5}{6} = \frac{5 \times 5}{2 \times 6} = \frac{25}{12} = 2\frac{1}{12} \quad (16) \frac{3}{2} \times \frac{7}{4} = \frac{3 \times 7}{2 \times 4} = \frac{21}{8} = 2\frac{5}{8}$$

$$(7) \frac{5}{6} \times \frac{7}{3} = \frac{5 \times 7}{6 \times 3} = \frac{35}{18} = 1\frac{17}{18} \quad (17) \frac{3}{2} \times \frac{7}{8} = \frac{3 \times 7}{2 \times 8} = \frac{21}{16} = 1\frac{5}{16}$$

$$(8) \frac{5}{3} \times \frac{4}{5} = \frac{5 \times 4}{3 \times 5} = \frac{20}{15} = 1\frac{5}{15} \quad (18) \frac{9}{5} \times \frac{4}{7} = \frac{9 \times 4}{5 \times 7} = \frac{36}{35} = 1\frac{1}{35}$$

$$(9) \frac{7}{9} \times \frac{5}{3} = \frac{7 \times 5}{9 \times 3} = \frac{35}{27} = 1\frac{8}{27} \quad (19) \frac{8}{7} \times \frac{8}{7} = \frac{8 \times 8}{7 \times 7} = \frac{64}{49} = 1\frac{15}{49}$$

$$(10) \frac{9}{5} \times \frac{4}{5} = \frac{9 \times 4}{5 \times 5} = \frac{36}{25} = 1\frac{11}{25} \quad (20) \frac{5}{6} \times \frac{7}{4} = \frac{5 \times 7}{6 \times 4} = \frac{35}{24} = 1\frac{11}{24}$$