

分数のかけ算

年 組 番

分数×分数 3

名前

1. 次のかけ算をしましょう。

$$\frac{1}{3} \times \frac{11}{6} = \frac{1 \times 11}{3 \times 6} = \frac{11}{18}$$

$$\frac{3}{4} \times \frac{7}{4} = \frac{3 \times 7}{4 \times 4} = \frac{21}{16}$$

$$\frac{2}{3} \times \frac{9}{8} = \frac{\cancel{2}^1 \times \cancel{9}^3}{\cancel{3}_1 \times \cancel{8}_4} = \frac{3}{4}$$

$$\frac{7}{4} \times \frac{5}{8} = \frac{7 \times 5}{4 \times 8} = \frac{35}{32}$$

$$\frac{8}{5} \times \frac{1}{6} = \frac{\cancel{8}^4 \times 1}{5 \times \cancel{6}_3} = \frac{4}{15}$$

$$\frac{22}{5} \times \frac{5}{6} = \frac{\cancel{22}^{11} \times \cancel{5}^1}{\cancel{5}_1 \times \cancel{6}_3} = \frac{11}{3}$$

2. 次のかけ算をしましょう。

$$\frac{4}{3} \times \frac{7}{5} = \frac{4 \times 7}{3 \times 5} = \frac{28}{15}$$

$$\frac{17}{7} \times \frac{6}{5} = \frac{17 \times 6}{7 \times 5} = \frac{102}{35}$$

$$\frac{7}{5} \times \frac{14}{9} = \frac{7 \times 14}{5 \times 9} = \frac{98}{45}$$

$$\frac{11}{4} \times \frac{18}{5} = \frac{11 \times \cancel{18}^9}{\cancel{4}_2 \times 5} = \frac{99}{10}$$

$$\frac{7}{2} \times \frac{18}{7} = \frac{\cancel{7}^1 \times \cancel{18}^9}{\cancel{2}_1 \times \cancel{7}_1} = 9$$

$$\frac{10}{3} \times \frac{45}{8} = \frac{\cancel{10}^5 \times \cancel{45}^{15}}{\cancel{3}_1 \times \cancel{8}_4} = \frac{75}{4}$$