

分数をかける計算

分数×分数（帯分数）

年 組 番

名前

1. 次のかけ算をしましょう。

$$\frac{1}{3} \times 1\frac{5}{6} = \frac{1 \times 11}{3 \times 6}$$

$$= \frac{11}{18}$$

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

$$= \frac{3}{4}$$

$$1\frac{3}{5} \times \frac{1}{6} = \frac{\cancel{8}^4 \times 1}{5 \times \cancel{6}_3}$$

$$= \frac{4}{15}$$

$$\frac{3}{4} \times 1\frac{3}{4} = \frac{3 \times 7}{4 \times 4}$$

$$= \frac{21}{16} = 1\frac{5}{16}$$

$$1\frac{3}{4} \times \frac{5}{8} = \frac{7 \times 5}{4 \times 8}$$

$$= \frac{35}{32} = 1\frac{7}{32}$$

$$4\frac{2}{5} \times \frac{5}{6} = \frac{\cancel{22}^{11} \times \cancel{5}^1}{\cancel{5}_1 \times \cancel{6}_3}$$

$$= \frac{11}{3} = 3\frac{2}{3}$$

2. 次のかけ算をしましょう。

$$1\frac{1}{3} \times 1\frac{2}{5} = \frac{4 \times 7}{3 \times 5}$$

$$= \frac{11}{15}$$

$$1\frac{2}{5} \times 1\frac{5}{9} = \frac{\cancel{12}^4 \times 14}{5 \times \cancel{9}_3}$$

$$= \frac{21}{15} = 1\frac{7}{5}$$

$$3\frac{1}{2} \times 2\frac{4}{7} = \frac{\cancel{7}^1 \times \cancel{18}^9}{\cancel{2}_1 \times \cancel{7}_1}$$

$$= 9$$

$$2\frac{3}{7} \times 1\frac{1}{5} = \frac{17 \times 6}{7 \times 5}$$

$$= \frac{102}{35} = 2\frac{32}{35}$$

$$2\frac{3}{4} \times 3\frac{3}{5} = \frac{11 \times \cancel{18}^9}{\cancel{4}_2 \times 5}$$

$$= \frac{99}{10} = 9\frac{9}{10}$$

$$3\frac{1}{3} \times 5\frac{5}{8} = \frac{\cancel{10}^5 \times \cancel{45}^{15}}{\cancel{3}_1 \times \cancel{8}_4}$$

$$= \frac{75}{4} = 18\frac{3}{4}$$