

分数のかけ算 (1)

名前 _____

「分数 × 分数」の計算

【1】 次の計算をなさい。

$$(1) \frac{5}{9} \times \frac{1}{3} = \frac{5 \times 1}{9 \times 3} = \frac{5}{27}$$

$$(2) \frac{3}{13} \times \frac{3}{4} = \frac{3 \times 3}{13 \times 4} = \frac{9}{52}$$

$$(3) \frac{7}{8} \times \frac{5}{6} = \frac{7 \times 5}{8 \times 6} = \frac{35}{48}$$

$$(4) \frac{1}{2} \times \frac{7}{5} = \frac{1 \times 7}{2 \times 5} = \frac{7}{10}$$

$$(5) \frac{3}{7} \times \frac{5}{6} = \frac{\overset{1}{\cancel{3}} \times 5}{7 \times \underset{2}{\cancel{6}}} = \frac{5}{14}$$

$$(6) \frac{5}{12} \times \frac{4}{11} = \frac{5 \times \overset{1}{\cancel{4}}}{\underset{3}{\cancel{12}} \times 11} = \frac{5}{33}$$

$$(7) \frac{11}{8} \times \frac{4}{5} = \frac{11 \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times 5} = \frac{11}{10} \left(1 \frac{1}{10}\right)$$

$$(8) \frac{2}{9} \times \frac{18}{5} = \frac{2 \times \overset{2}{\cancel{18}}}{\underset{1}{\cancel{9}} \times 5} = \frac{4}{5}$$

【2】 次の計算をなさい。

$$(1) 1 \frac{3}{7} \times \frac{9}{5} = \frac{\overset{2}{\cancel{10}} \times 9}{7 \times \underset{1}{\cancel{5}}} = \frac{18}{7} \left(2 \frac{4}{7}\right)$$

$$(2) \frac{4}{11} \times 2 \frac{1}{5} = \frac{4 \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{11}} \times 5} = \frac{4}{5}$$

$$(3) \frac{8}{3} \times 1 \frac{2}{7} = \frac{8 \times \overset{3}{\cancel{9}}}{\underset{1}{\cancel{3}} \times 7} = \frac{24}{7} \left(3 \frac{3}{7}\right)$$

$$(4) \frac{7}{12} \times 4 \frac{2}{5} = \frac{7 \times \overset{11}{\cancel{22}}}{\underset{6}{\cancel{12}} \times 5} = \frac{77}{30} \left(2 \frac{17}{30}\right)$$

$$(5) 4 \frac{1}{6} \times \frac{36}{35} = \frac{\overset{5}{\cancel{25}} \times \overset{6}{\cancel{36}}}{\underset{1}{\cancel{6}} \times \underset{7}{\cancel{35}}} = \frac{30}{7} \left(4 \frac{2}{7}\right)$$

$$(6) 1 \frac{4}{13} \times \frac{65}{17} = \frac{\overset{1}{\cancel{17}} \times \overset{5}{\cancel{65}}}{\underset{1}{\cancel{13}} \times \underset{1}{\cancel{17}}} = 5$$

$$(7) 2 \frac{1}{14} \times \frac{7}{58} = \frac{\overset{1}{\cancel{29}} \times \overset{1}{\cancel{7}}}{\underset{2}{\cancel{14}} \times \underset{2}{\cancel{58}}} = \frac{1}{4}$$

$$(8) \frac{9}{8} \times 5 \frac{1}{3} = \frac{\overset{3}{\cancel{9}} \times \overset{2}{\cancel{16}}}{\underset{1}{\cancel{8}} \times \underset{1}{\cancel{3}}} = 6$$