

6年
1
(2)

分数のかけ算

___年 ___組
名前

途中で約分をして、計算をしましょう。

$$\textcircled{1} \quad \frac{3}{4} \times \frac{1}{3} = \frac{\boxed{3} \times 1}{4 \times \boxed{3}} = \frac{1 \times 1}{4 \times 1} = \frac{1}{4}$$

$$\textcircled{2} \quad \frac{5}{8} \times \frac{3}{10} = \frac{\boxed{5} \times 3}{8 \times \boxed{10}} = \frac{1 \times 3}{8 \times 2} = \frac{3}{16}$$

$$\textcircled{3} \quad \frac{4}{9} \times \frac{1}{12} = \frac{\boxed{4} \times 1}{9 \times \boxed{12}} = \frac{1 \times 1}{9 \times 3} = \frac{1}{27}$$

$$\textcircled{4} \quad \frac{1}{4} \times \frac{6}{7} = \frac{1 \times \boxed{6}}{\boxed{4} \times 7} = \frac{1 \times 3}{2 \times 7} = \frac{3}{14}$$

$$\textcircled{5} \quad \frac{5}{12} \times \frac{4}{9} = \frac{5 \times \boxed{4}}{\boxed{12} \times 9} = \frac{5 \times 1}{3 \times 9} = \frac{5}{27}$$

$$\textcircled{6} \quad \frac{7}{6} \times \frac{9}{2} = \frac{7 \times \boxed{9}}{\boxed{6} \times 2} = \frac{7 \times 3}{2 \times 2} = \frac{21}{4} \quad (5\frac{1}{4})$$

$$\textcircled{7} \quad \frac{5}{4} \times \frac{4}{7} = \frac{5 \times \boxed{4}}{\boxed{4} \times 7} = \frac{5 \times 1}{1 \times 7} = \frac{5}{7}$$

$$\textcircled{8} \quad \frac{7}{10} \times \frac{8}{9} = \frac{7 \times \boxed{8}}{\boxed{10} \times 9} = \frac{7 \times 4}{5 \times 9} = \frac{28}{45}$$

$$\textcircled{9} \quad \frac{6}{11} \times \frac{3}{2} = \frac{\boxed{6} \times 3}{11 \times \boxed{2}} = \frac{3 \times 3}{11 \times 1} = \frac{9}{11}$$

$$\textcircled{10} \quad \frac{8}{7} \times \frac{5}{16} = \frac{\boxed{8} \times 5}{7 \times \boxed{16}} = \frac{1 \times 5}{7 \times 2} = \frac{5}{14}$$

$$\textcircled{11} \quad \frac{3}{4} \times \frac{8}{9} = \frac{\boxed{3} \times \boxed{8}}{\boxed{4} \times 9} = \frac{1 \times 2}{1 \times 3} = \frac{2}{3}$$

$$\textcircled{12} \quad \frac{5}{8} \times \frac{2}{5} = \frac{\boxed{5} \times \boxed{2}}{\boxed{8} \times \boxed{5}} = \frac{1 \times 1}{4 \times 1} = \frac{1}{4}$$

$$\textcircled{13} \quad \frac{4}{9} \times \frac{3}{2} = \frac{\boxed{4} \times \boxed{3}}{\boxed{9} \times 2} = \frac{2 \times 1}{3 \times 1} = \frac{2}{3}$$

$$\textcircled{14} \quad \frac{6}{5} \times \frac{5}{12} = \frac{\boxed{6} \times \boxed{5}}{\boxed{5} \times \boxed{12}} = \frac{1 \times 1}{1 \times 2} = \frac{1}{2}$$

$$\textcircled{15} \quad \frac{10}{21} \times \frac{9}{16} = \frac{\boxed{10} \times \boxed{9}}{\boxed{21} \times \boxed{16}} = \frac{5 \times 3}{7 \times 8} = \frac{15}{56}$$

$$\textcircled{16} \quad \frac{9}{14} \times \frac{7}{18} = \frac{\boxed{9} \times \boxed{7}}{\boxed{14} \times \boxed{18}} = \frac{1 \times 1}{2 \times 2} = \frac{1}{4}$$

$$\textcircled{17} \quad \frac{6}{5} \times \frac{15}{8} = \frac{\boxed{6} \times \boxed{15}}{\boxed{5} \times \boxed{8}} = \frac{3 \times 3}{1 \times 4} = \frac{9}{4} \quad (2\frac{1}{4})$$

$$\textcircled{18} \quad \frac{15}{14} \times \frac{7}{24} = \frac{\boxed{15} \times \boxed{7}}{\boxed{14} \times \boxed{24}} = \frac{5 \times 1}{2 \times 8} = \frac{5}{16}$$

$$\textcircled{19} \quad \frac{22}{9} \times \frac{18}{11} = \frac{\boxed{22} \times \boxed{18}}{\boxed{9} \times \boxed{11}} = \frac{2 \times 2}{1 \times 1} = 4$$

$$\textcircled{20} \quad \frac{25}{18} \times \frac{27}{10} = \frac{\boxed{25} \times \boxed{27}}{\boxed{18} \times \boxed{10}} = \frac{5 \times 3}{2 \times 2} = \frac{15}{4}$$

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