

6年	分数のかけ算 (問題1)	ひにち	月 日
なまえ		りかい度 チェック	◎ りかいできた ○ ふつう △ むずかしかった

分数の計算は下の式のようになることを覚えよう。

$$\frac{b}{a} \times c = \frac{b \times c}{a}, \quad \frac{b}{a} \div c = \frac{b}{a \times c}$$



1 計算をしましょう。計算結果は帯分数にしましょう。

$$\textcircled{1} \frac{2}{3} \times 5 = \frac{10}{3} = 3\frac{1}{3} \quad \textcircled{2} \frac{1}{5} \times 7 = \frac{7}{5} = 1\frac{2}{5} \quad \textcircled{3} \frac{5}{7} \times 12 = \frac{5 \times 12}{7} = \frac{60}{7} = 8\frac{4}{7}$$

$$\textcircled{4} \frac{8}{12} \times 13 = \frac{8 \times 13}{12} = \frac{104}{12} = 8\frac{2}{3} \quad \textcircled{5} \frac{12}{39} \times 11 = \frac{132}{39} = \frac{44}{13} = 3\frac{5}{13} \quad \textcircled{6} \frac{1}{21} \times 33 = \frac{33}{21} = 1\frac{4}{7}$$

$$\textcircled{7} \frac{1}{2} \times 3 = \frac{3}{2} = 1\frac{1}{2} \quad \textcircled{8} \frac{5}{3} \times 5 = \frac{25}{3} = 8\frac{1}{3} \quad \textcircled{9} \frac{2}{9} \times 9 = 2$$

$$\textcircled{10} \frac{1}{2} \times \frac{1}{2} = \frac{1}{4} \quad \textcircled{11} \frac{5}{3} \times \frac{1}{2} = \frac{5}{6} \quad \textcircled{12} \frac{5}{\cancel{12}_6} \times \frac{\cancel{2}^1}{3} = \frac{5}{18}$$

$$\textcircled{13} \quad \frac{22}{3} \times \frac{\cancel{2}^1}{\cancel{14}_7} = \frac{22}{21} = 1 \frac{1}{21}$$

$$\textcircled{14} \quad \frac{5}{\cancel{2}_1} \times \frac{1}{4} \times \frac{\cancel{2}^1}{3} = \frac{5}{12}$$

$$\textcircled{15} \quad \frac{\cancel{3}^1}{\cancel{12}_4} \times \frac{\cancel{12}^1}{\cancel{3}_1} \times \frac{\cancel{2}^1}{\cancel{14}_7} = \frac{1}{7}$$

$$\textcircled{16} \quad \left(\frac{1}{2} + \frac{2}{3}\right) \times 12 = \left(\frac{3}{6} + \frac{4}{6}\right) \times 12 = \frac{7}{6} \times 12 = 14$$

$$\textcircled{17} \quad \left(\frac{1}{4} + \frac{3}{8}\right) \times \frac{2}{3} = \left(\frac{2}{8} + \frac{3}{8}\right) \times \frac{2}{3} = \frac{5}{8} \times \frac{2}{3} = \frac{5}{12}$$

$$\textcircled{18} \quad \left(\frac{2}{8} \times \frac{1}{3}\right) \times \frac{2}{4} = \frac{2}{24} \times \frac{1}{2} = \frac{1}{24}$$