

# 帯分数のわり算 (4)

名前 \_\_\_\_\_

【1】 次の計算をなさい。(答えが1より大きい分数になるときは帯分数に直すこと)

$$(1) \frac{2}{7} \div 3\frac{1}{5} = \frac{\overset{1}{\cancel{2}} \times 5}{7 \times \underset{8}{\cancel{16}}} = \frac{5}{56}$$

$$(2) \frac{7}{12} \div 3\frac{3}{6} = \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{6}}}{\underset{2}{\cancel{12}} \times \underset{3}{\cancel{21}}} = \frac{1}{6}$$

$$(3) \frac{8}{25} \div 1\frac{2}{5} = \frac{8 \times \overset{1}{\cancel{5}}}{\underset{5}{\cancel{25}} \times 7} = \frac{8}{35}$$

$$(4) \frac{5}{16} \div 2\frac{1}{4} = \frac{5 \times \overset{1}{\cancel{4}}}{\underset{4}{\cancel{16}} \times 9} = \frac{5}{36}$$

$$(5) 4\frac{1}{2} \div \frac{5}{8} = \frac{9 \times \overset{4}{\cancel{8}}}{\underset{1}{\cancel{2}} \times 5} = \frac{36}{5} = 7\frac{1}{5}$$

$$(6) 5\frac{2}{5} \div \frac{3}{10} = \frac{\overset{9}{\cancel{27}} \times \overset{2}{\cancel{10}}}{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{3}}} = 18$$

$$(7) 4\frac{1}{6} \div \frac{5}{7} = \frac{\overset{5}{\cancel{25}} \times 7}{6 \times \underset{1}{\cancel{5}}} = \frac{35}{6} = 5\frac{5}{6}$$

$$(8) 1\frac{1}{4} \div \frac{7}{16} = \frac{5 \times \overset{4}{\cancel{16}}}{\underset{1}{\cancel{4}} \times 7} = \frac{20}{7} = 2\frac{6}{7}$$

$$(9) 1\frac{1}{3} \div \frac{3}{8} = \frac{4 \times 8}{3 \times 3} = \frac{32}{9} = 3\frac{5}{9}$$

$$(10) 1\frac{3}{5} \div \frac{4}{15} = \frac{\overset{2}{\cancel{8}} \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{4}}} = 6$$

$$(11) 5\frac{1}{3} \div 1\frac{3}{5} = \frac{\overset{2}{\cancel{16}} \times 5}{3 \times \underset{1}{\cancel{8}}} = \frac{10}{3} = 3\frac{1}{3}$$

$$(12) 1\frac{2}{9} \div 3\frac{2}{3} = \frac{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{11}}} = \frac{1}{3}$$

$$(13) 1\frac{5}{7} \div 1\frac{1}{3} = \frac{\overset{3}{\cancel{12}} \times 3}{7 \times \underset{1}{\cancel{4}}} = \frac{9}{7} = 1\frac{2}{7}$$

$$(14) 4\frac{1}{5} \div 1\frac{3}{4} = \frac{\overset{3}{\cancel{21}} \times 4}{5 \times \underset{1}{\cancel{7}}} = \frac{12}{5} = 2\frac{2}{5}$$

【2】 次の問題に答えなさい。

(1)  $2\frac{7}{9}$  kg の小麦粉を  $\frac{5}{18}$  kg ずつふくろに分けると、何ふくろに分けることができますか。

$$\text{式 } 2\frac{7}{9} \div \frac{5}{18} = \frac{\overset{5}{\cancel{25}} \times \overset{2}{\cancel{18}}}{\underset{1}{\cancel{9}} \times \underset{1}{\cancel{5}}} = \frac{5 \times 2}{1 \times 1} = 10$$

答え 10 ふくろ

(2)  $\frac{3}{5}$  cm の赤のリボンの長さは  $1\frac{1}{5}$  cm の青のリボンの何倍の長さですか。

$$\text{式 } \frac{3}{5} \div 1\frac{1}{5} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times \underset{2}{\cancel{6}}} = \frac{1}{2}$$

答え  $\frac{1}{2}$  倍