

分数と整数のわり算 (5)

名前 _____

【1】 次の計算をなさい。

$$(1) \frac{9}{4} \div 6 = \frac{\overset{3}{\cancel{9}}}{4 \times \underset{2}{\cancel{6}}} = \frac{3}{8}$$

$$(2) \frac{21}{10} \div 3 = \frac{\overset{7}{\cancel{21}}}{10 \times \underset{1}{\cancel{3}}} = \frac{7}{10}$$

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

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

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

$$(6) \frac{7}{6} \div 5 = \frac{7}{6 \times 5} = \frac{7}{30}$$

$$(7) \frac{18}{7} \div 6 = \frac{\overset{3}{\cancel{18}}}{7 \times \underset{1}{\cancel{6}}} = \frac{3}{7}$$

$$(8) \frac{13}{3} \div 2 = \frac{13}{3 \times 2} = \frac{13}{6} \left(2\frac{1}{6}\right)$$

$$(9) \frac{11}{6} \div 3 = \frac{11}{6 \times 3} = \frac{11}{18}$$

$$(10) \frac{8}{9} \div 16 = \frac{\overset{1}{\cancel{8}}}{9 \times \underset{2}{\cancel{16}}} = \frac{1}{18}$$

$$(11) \frac{20}{9} \div 12 = \frac{\overset{5}{\cancel{20}}}{9 \times \underset{3}{\cancel{12}}} = \frac{5}{27}$$

$$(12) \frac{12}{5} \div 9 = \frac{\overset{4}{\cancel{12}}}{5 \times \underset{3}{\cancel{9}}} = \frac{4}{15}$$

$$(13) \frac{16}{7} \div 7 = \frac{16}{7 \times 7} = \frac{16}{49}$$

$$(14) \frac{15}{4} \div 6 = \frac{\overset{5}{\cancel{15}}}{4 \times \underset{2}{\cancel{6}}} = \frac{5}{8}$$

【2】 次の問題に答えなさい。

(1) $\frac{27}{4}$ kg のふくろは、3kg のふくろの何倍の重さがありますか。

$$\text{式} \quad \frac{27}{4} \div 3 = \frac{\overset{9}{\cancel{27}}}{4 \times \underset{1}{\cancel{3}}} = \frac{9}{4}$$

答え $\frac{9}{4}$ 倍 $\left(2\frac{1}{4}\right)$ 倍

(2) 面積が $\frac{28}{3}$ cm、高さが 4cm の平行四辺形の底辺は何 cm ですか。

$$\text{式} \quad \frac{28}{3} \div 4 = \frac{\overset{7}{\cancel{28}}}{3 \times \underset{1}{\cancel{4}}} = \frac{7}{3}$$

答え $\frac{7}{3}$ cm $\left(2\frac{1}{3}\right)$ cm