

分数と整数のわり算 (6)

名前 _____

【1】 次の計算をなさい。

$$(1) \frac{13}{2} \div 6 = \frac{13}{2 \times 6} = \frac{13}{12} \left(1 \frac{1}{12}\right)$$

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

$$(3) \frac{8}{7} \div 4 = \frac{\overset{2}{\cancel{8}}}{7 \times \underset{1}{\cancel{4}}} = \frac{2}{7}$$

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

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

$$(6) \frac{16}{9} \div 10 = \frac{\overset{8}{\cancel{16}}}{9 \times \underset{5}{\cancel{10}}} = \frac{8}{45}$$

$$(7) \frac{5}{12} \div 5 = \frac{\overset{1}{\cancel{5}}}{12 \times \underset{1}{\cancel{5}}} = \frac{1}{12}$$

$$(8) \frac{7}{6} \div 2 = \frac{7}{6 \times 2} = \frac{7}{12}$$

$$(9) \frac{15}{8} \div 3 = \frac{\overset{5}{\cancel{15}}}{8 \times \underset{1}{\cancel{3}}} = \frac{5}{8}$$

$$(10) \frac{21}{10} \div 9 = \frac{\overset{7}{\cancel{21}}}{10 \times \underset{3}{\cancel{9}}} = \frac{7}{30}$$

$$(11) \frac{24}{5} \div 16 = \frac{\overset{3}{\cancel{24}}}{5 \times \underset{2}{\cancel{16}}} = \frac{3}{10}$$

$$(12) \frac{26}{7} \div 12 = \frac{\overset{13}{\cancel{26}}}{7 \times \underset{6}{\cancel{12}}} = \frac{13}{42}$$

$$(13) \frac{28}{5} \div 14 = \frac{\overset{2}{\cancel{28}}}{5 \times \underset{1}{\cancel{14}}} = \frac{2}{5}$$

$$(14) \frac{27}{4} \div 18 = \frac{\overset{3}{\cancel{27}}}{4 \times \underset{2}{\cancel{18}}} = \frac{3}{8}$$

【2】 次の問題に答えなさい。

(1) $\frac{21}{4}$ m のリボンを 6 人で等しく分けます。1 人当たりのリボンの長さは何 m ですか。

$$\text{式} \quad \frac{21}{4} \div 6 = \frac{\overset{7}{\cancel{21}}}{4 \times \underset{2}{\cancel{6}}} = \frac{7}{8}$$

答え $\frac{7}{8}$ m

(2) 2dL で $\frac{5}{4}$ m² を塗ることのできるペンキを 1dL 使うと、何 m² をぬれますか。

$$\text{式} \quad \frac{5}{4} \div 2 = \frac{5}{4 \times 2} = \frac{5}{8}$$

答え $\frac{5}{8}$ m²