

算6-0302チ01



① 次の計算をしなさい。

[5点×8]

(1) $\frac{1}{5} \times 3$

(2) $\frac{7}{20} \times 5$

(3) $\frac{3}{8} \times 16$

(4) $\frac{1}{4} \div 3$

(5) $\frac{2}{3} \div 9$

(6) $\frac{5}{6} \div 10$

(7) $1\frac{1}{6} \times 4$

(8) $1\frac{3}{7} \div 5$

② 次の問いに答えなさい。

[5点×2]

(1) 1dLで、 $\frac{4}{5}$ m²のかべをぬることができるペンキがあります。このペンキ10dLでは、何m²のかべをぬることができますか。

(式)

(答え)

(2) 5mで $\frac{3}{4}$ kgのパイプがあります。このパイプ1mの重さは何kgですか。

(式)

(答え)

解答

① (1) $\frac{3}{5}$ (2) $\frac{7}{4} \left(1\frac{3}{4}\right)$ (3) 6 (4) $\frac{1}{12}$ (5) $\frac{2}{27}$ (6) $\frac{1}{12}$ (7) $\frac{14}{3} \left(4\frac{2}{3}\right)$
(8) $\frac{2}{7}$

② (1) (式) $\frac{4}{5} \times 10 = 8$ (答え) 8m^2 (2) (式) $\frac{3}{4} \div 5 = \frac{3}{20}$ (答え) $\frac{3}{20}\text{kg}$

解説

①

$$(1) \frac{1}{5} \times 3 = \frac{1 \times 3}{5} = \frac{3}{5}$$

$$(2) \frac{7}{20} \times 5 = \frac{7 \times \overset{1}{\cancel{5}}}{\underset{4}{20}} = \frac{7}{4} \left(1 \frac{3}{4}\right)$$

$$(3) \frac{3}{8} \times 16 = \frac{3 \times \overset{2}{\cancel{16}}}{\underset{1}{8}} = 6$$

$$(4) \frac{1}{4} \div 3 = \frac{1}{4 \times 3} = \frac{1}{12}$$

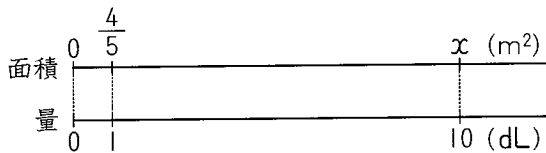
$$(5) \frac{2}{3} \div 9 = \frac{2}{3 \times 9} = \frac{2}{27}$$

$$(6) \frac{5}{6} \div 10 = \frac{\overset{1}{\cancel{5}}}{6 \times \underset{2}{10}} = \frac{1}{12}$$

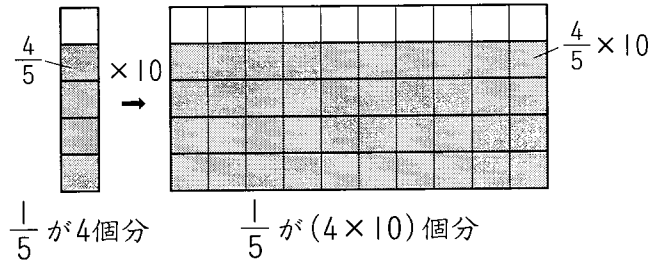
$$(7) 1 \frac{1}{6} \times 4 = \frac{7}{6} \times 4 = \frac{7 \times \overset{2}{\cancel{4}}}{\underset{3}{6}} = \frac{14}{3} \left(4 \frac{2}{3}\right)$$

$$(8) 1 \frac{3}{7} \div 5 = \frac{10}{7} \div 5 = \frac{\overset{2}{\cancel{10}}}{7 \times \underset{1}{5}} = \frac{2}{7}$$

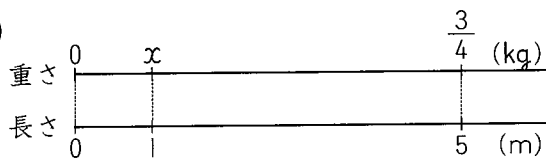
② (1)



$$\frac{4}{5} \times 10 = \frac{4 \times \overset{2}{\cancel{10}}}{\underset{1}{5}} = 8 \text{ (m}^2\text{)}$$



(2)



$$\frac{3}{4} \div 5 = \frac{3}{4 \times 5} = \frac{3}{20} \text{ (kg)}$$