

# 分数と整数のかけ算 (6)

名前 \_\_\_\_\_

【1】 次の計算をなさい。

$$(1) \frac{1}{2} \times 7 = \frac{7}{2} \left(3\frac{1}{2}\right)$$

$$(2) 10 \times \frac{7}{15} = \frac{\overset{2}{\cancel{10}} \times 7}{\underset{3}{\cancel{15}}} = \frac{14}{3} \left(4\frac{2}{3}\right)$$

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

$$(4) 4 \times \frac{5}{12} = \frac{\overset{1}{\cancel{4}} \times 5}{\underset{3}{\cancel{12}}} = \frac{5}{3} \left(1\frac{2}{3}\right)$$

$$(5) \frac{5}{8} \times 6 = \frac{5 \times \overset{3}{\cancel{6}}}{\underset{4}{\cancel{8}}} = \frac{15}{4} \left(3\frac{3}{4}\right)$$

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

$$(7) \frac{6}{11} \times 2 = \frac{6 \times 2}{11} = \frac{12}{11} \left(1\frac{1}{11}\right)$$

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

$$(9) \frac{5}{6} \times 2 = \frac{5 \times \overset{1}{\cancel{2}}}{\underset{3}{\cancel{6}}} = \frac{5}{3} \left(1\frac{2}{3}\right)$$

$$(10) 4 \times \frac{4}{7} = \frac{4 \times 4}{7} = \frac{16}{7} \left(2\frac{2}{7}\right)$$

$$(11) \frac{3}{14} \times 3 = \frac{3 \times 3}{14} = \frac{9}{14}$$

$$(12) 12 \times \frac{4}{9} = \frac{\overset{4}{\cancel{12}} \times 4}{\underset{3}{\cancel{9}}} = \frac{16}{3} \left(5\frac{1}{3}\right)$$

$$(13) \frac{7}{12} \times 10 = \frac{7 \times \overset{5}{\cancel{10}}}{\underset{6}{\cancel{12}}} = \frac{35}{6} \left(5\frac{5}{6}\right)$$

$$(14) 8 \times \frac{1}{4} = \frac{\overset{2}{\cancel{8}} \times 1}{\underset{1}{\cancel{4}}} = 2$$

【2】 次の問題に答えなさい

(1) 分速  $\frac{1}{13}$  km で歩く人は、9分間で何 km 進みますか。

$$\text{式 } \frac{1}{13} \times 9 = \frac{1 \times 9}{13} = \frac{9}{13}$$

答え  $\frac{9}{13}$  km

(2) たて  $\frac{5}{4}$  cm、横 2cm の長方形の面積は何  $\text{cm}^2$  ですか。

$$\text{式 } \frac{5}{4} \times 2 = \frac{5 \times \overset{1}{\cancel{2}}}{\underset{2}{\cancel{4}}} = \frac{5}{2}$$

答え  $\frac{5}{2} \text{ cm}^2$   $\left(2\frac{1}{2} \text{ cm}^2\right)$