

# 分数と整数のかけ算 (8)

名前 \_\_\_\_\_

【1】 次の計算をなさい。

$$(1) \frac{3}{10} \times 15 = \frac{3 \times \overset{3}{\cancel{15}}}{\underset{2}{\cancel{10}}} = \frac{9}{2} \left(4\frac{1}{2}\right)$$

$$(2) 6 \times \frac{11}{18} = \frac{\overset{1}{\cancel{6}} \times 11}{\underset{3}{\cancel{18}}} = \frac{11}{3} \left(3\frac{2}{3}\right)$$

$$(3) \frac{9}{16} \times 6 = \frac{9 \times \overset{3}{\cancel{6}}}{\underset{8}{\cancel{16}}} = \frac{27}{8} \left(3\frac{3}{8}\right)$$

$$(4) 8 \times \frac{7}{20} = \frac{\overset{2}{\cancel{8}} \times 7}{\underset{5}{\cancel{20}}} = \frac{14}{5} \left(2\frac{4}{5}\right)$$

$$(5) \frac{4}{15} \times 3 = \frac{4 \times \overset{1}{\cancel{3}}}{\underset{5}{\cancel{15}}} = \frac{4}{5}$$

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

$$(7) \frac{5}{12} \times 10 = \frac{5 \times \overset{5}{\cancel{10}}}{\underset{6}{\cancel{12}}} = \frac{25}{6} \left(4\frac{1}{6}\right)$$

$$(8) 7 \times \frac{2}{9} = \frac{7 \times 2}{9} = \frac{14}{9} \left(1\frac{5}{9}\right)$$

$$(9) \frac{7}{4} \times 2 = \frac{7 \times \overset{1}{\cancel{2}}}{\underset{2}{\cancel{4}}} = \frac{7}{2} \left(3\frac{1}{2}\right)$$

$$(10) 5 \times \frac{4}{3} = \frac{5 \times 4}{3} = \frac{20}{3} \left(6\frac{2}{3}\right)$$

$$(11) \frac{5}{2} \times 4 = \frac{5 \times \overset{2}{\cancel{4}}}{\underset{1}{\cancel{2}}} = 10$$

$$(12) 3 \times \frac{8}{5} = \frac{3 \times 8}{5} = \frac{24}{5} \left(4\frac{4}{5}\right)$$

$$(13) \frac{9}{8} \times 6 = \frac{9 \times \overset{3}{\cancel{6}}}{\underset{4}{\cancel{8}}} = \frac{27}{4} \left(6\frac{3}{4}\right)$$

$$(14) 9 \times \frac{11}{6} = \frac{\overset{3}{\cancel{9}} \times 11}{\underset{2}{\cancel{6}}} = \frac{33}{2} \left(16\frac{1}{2}\right)$$

【2】 次の問題に答えなさい

(1) 分速 80m で歩く人は、 $\frac{5}{4}$  分で何 m 進みますか。

$$\text{式 } 80 \times \frac{5}{4} = \frac{\overset{20}{\cancel{80}} \times 5}{\underset{1}{\cancel{4}}} = 100$$

答え 100m

(2) 1m あたりの重さが 3kg のパイプがあります。このパイプ  $\frac{5}{6}$  m の重さは何 kg ですか。

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

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