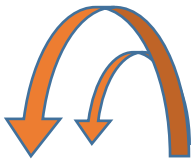
・計算練習問題（中級）　分配法則

1. 分配法則とは



$(a \times b) \times \square = a \times \square + b \times \square$

2. 分配法則

(1) $(100-1) \times (-14)$

$= 100 \times (-14) + (-1) \times (-14)$

$= -1400 + 14 = -1386$

(2) $2.3 \times (-7) + 2.3 \times (-3)$

$= (-7-3) \times 2.3$

$= -10 \times 2.3 = -23$

(3) $\left(\frac{1}{9} - \frac{7}{4}\right) \times (-36)$

$= \frac{1}{9} \times (-36) + \left(-\frac{7}{4}\right) \times (-36)$

$= -4 + 63 = 59$

(4) $63 \times \left(-\frac{2}{7} + \frac{4}{9}\right)$

$= 63 \times \left(-\frac{2}{7}\right) + 63 \times \frac{4}{9}$

$= -18 + 28 = 20$

(5) $-4 \times \frac{1}{3} + (-4) \times \frac{5}{3}$

$= \left(\frac{1}{3} + \frac{5}{3}\right) \times (-4)$

$= 2 \times (-4) = -8$

(6) $0.3 \times \frac{13}{2} + 0.3 \times \frac{7}{2}$

$= \left(\frac{13}{2} + \frac{7}{2}\right) \times 0.3$

$= 10 \times 0.3 = 3$

(7) $(0.4 - 1.3) \times 10$

$= -0.9 \times 10$

$= -9$

(8) $-\frac{1}{5} \times \left(\frac{10}{3} + \frac{5}{6}\right)$

$= -\frac{1}{5} \times \frac{10}{3} + \left(-\frac{1}{5}\right) \times \frac{5}{6}$

$= -\frac{2}{3} - \frac{1}{6}$

$= -\frac{5}{6}$