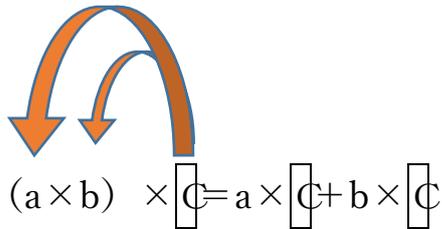・計算練習問題（上級）　分配法則

1. 分配法則とは

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

2. 分配法則

（5）〜（7）は必ず分配法則を使おう！（8）は中学入試問題だよ

(1) $\left(-\dfrac{4}{7}+\dfrac{3}{2}\right) \times (-28)$

$= -\dfrac{4}{7} \times (-28) + \dfrac{3}{2} \times (-28)$

$= 16 - 42 = \underline{-26}$

(2) $61 \times 13 + 39 \times 13$

$= (61 + 39) \times 13$

$= 100 \times 13 = \underline{1300}$

(3) $129 \times (-21) + 71 \times (-21)$

$= (129 + 71) \times (-21)$

$= 200 \times (-21) = \underline{-4200}$

(4) $-137 \times 3.14 + 37 \times 3.14$

$= (-137 + 37) \times 3.14$

$= -100 \times 3.14 = \underline{-314}$

(5) $93 \times (-8)$

$= (100 - 7) \times (-8)$

$= 100 \times (-8) + (-7) \times (-8)$

$= -800 + 48 = \underline{-752}$

(6) $109 \times (-15)$

$= (100 + 9) \times (-15)$

$= 100 \times (-15) + 9 \times (-15)$

$\begin{cases} = -1500 \\ -135 \\ = -1635 \end{cases}$

(7) -992×5

$= (-1000 + 8) \times 5$

$= -1000 \times 5 + 8 \times 5$

$= -5000 + 40$

$= \underline{-4960}$

(8) $0.25 \times 12 + 2.5 \times 4.8 - 25 \times 0.2$

$= 0.25 \times (12 + 10 \times 4.8 - 100 \times 0.2)$

$= 0.25 \times (12 + 48 - 20)$

$= 0.25 \times 40$

$= \underline{10}$