

【中1 数学】

1、次の方程式を解きなさい。

(1) $x:4 = 9:6$

$$\underline{6x = 36}$$

$$\therefore x = 6$$

(2) $15:x = 6:5$

$$\underline{6x = 75}$$

$$\therefore x = \frac{25}{2}$$

(3) $3.2:0.4 = x:2$

$$\underline{0.4x = 6.4}$$

$$\therefore x = 16$$

(4) $x:9 = (x-2):6$

$$\underline{6x = 9(x-2)}$$

$$6x = 9x - 18$$

$$-3x = -18$$

$$\therefore x = 6$$

(5) $2:4 = 12:(15+x)$

$$\underline{2(15+x) = 48}$$

$$15+x = 24$$

$$\therefore x = 9$$