

# 平行線と線分の比② 1

年 組 番・氏名

①

$$3 : x = 6 : 4$$

$$6x = 3 \times 4 \quad x = 2$$

$\ell \parallel m \parallel n$

②

$$10 : 15 = x : 6$$

$$15x = 10 \times 6 \quad x = 4$$

$\ell \parallel m \parallel n$

③

$$30 : x = 12 : 8$$

$$12x = 30 \times 8 \quad x = 20$$

$\ell \parallel m \parallel n$

④

$$6 : x = 10 : 15$$

$$10x = 6 \times 15 \quad x = 9$$

$\ell \parallel m \parallel n$

⑤

$$8 : 5 = x : 2 \quad x = \frac{16}{5}$$

$$5x = 8 \times 2$$

$p \parallel q \parallel r \parallel s$

⑥

$$6 : 4 = 24 : (6+x)$$

$$6(6+x) = 4 \times 24 \quad x = 10$$

$p \parallel q \parallel r \parallel s$

# 平行線と線分の比② 2

年 組 番・氏名

①

$$x : 10 = 9 : 15$$

$$15x = 10 \times 9 \quad x = 6$$

$\ell \parallel m$

②

$$18 : x = 12 : 8$$

$$12x = 18 \times 8 \quad x = 12$$

$\ell \parallel m \parallel n$

③

$$21 : 14 = 6 : x$$

$$21x = 14 \times 6 \quad x = 4$$

$\ell \parallel m \parallel n$

④

$$4 : x = 10 : 15$$

$$10x = 4 \times 15 \quad x = 6$$

$\ell \parallel m \parallel n$

⑤

$$20 : 15 = 8 : x$$

$$20x = 15 \times 8 \quad x = 6$$

$p \parallel q \parallel r \parallel s$

⑥

$$8 : 6 = (x+4) : 12$$

$$6(x+4) = 8 \times 12 \quad x = 12$$

$p \parallel q \parallel r \parallel s$