

比例式

____年 組 名前

/14

■ 次の比例式を解きなさい。

① $x:4 = 6:7$

$x =$

② $6:7 = 2:x$

$x =$

③ $7:8 = x:6$

$x =$

④ $4:n = 5:6$

$n =$

⑤ $1:a = 2:3$

$a =$

⑥ $9:1 = 2:b$

$b =$

⑦ $4:5 = x:6$

$x =$

⑧ $7:x = 4:5$

$x =$

⑨ $x:3 = 4:5$

$x =$

⑩ $8:9 = x:5$

$x =$

⑪ $1:x = 2:3$

$x =$

⑫ $s:9 = 7:8$

$s =$

⑬ $1:2 = 8:x$

$x =$

⑭ $3:4 = 9:s$

$s =$

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① $x:4 = 6:7$

$$7x = 24$$

$$x = \frac{24}{7}$$

② $6:7 = 2:x$

$$6x = 14$$

$$x = \frac{7}{3}$$

③ $7:8 = x:6$

$$8x = 42$$

$$x = \frac{21}{4}$$

④ $4:n = 5:6$

$$5n = 24$$

$$n = \frac{24}{5}$$

⑤ $1:a = 2:3$

$$2a = 3$$

$$a = \frac{3}{2}$$

⑥ $9:1 = 2:b$

$$9b = 2$$

$$b = \frac{2}{9}$$

⑦ $4:5 = x:6$

$$5x = 24$$

$$x = \frac{24}{5}$$

⑧ $7:x = 4:5$

$$4x = 35$$

$$x = \frac{35}{4}$$

⑨ $x:3 = 4:5$

$$5x = 12$$

$$x = \frac{12}{5}$$

⑩ $8:9 = x:5$

$$9x = 40$$

$$x = \frac{40}{9}$$

⑪ $1:x = 2:3$

$$2x = 3$$

$$x = \frac{3}{2}$$

⑫ $s:9 = 7:8$

$$8s = 63$$

$$s = \frac{63}{8}$$

⑬ $1:2 = 8:x$

$$x = 16$$

$$x = 16$$

⑭ $3:4 = 9:s$

$$3s = 36$$

$$s = 12$$