

比例式

____年 組 名前

/14

■ 次の比例式を解きなさい。

① $x:3 = 3:4$

$x =$

② $5:6 = x:9$

$x =$

③ $2:y = 7:8$

$y =$

④ $7:8 = x:7$

$x =$

⑤ $1:2 = 9:x$

$x =$

⑥ $5:x = 6:7$

$x =$

⑦ $9:1 = s:8$

$s =$

⑧ $1:x = 4:5$

$x =$

⑨ $n:4 = 5:6$

$n =$

⑩ $8:9 = t:5$

$t =$

⑪ $5:6 = 3:x$

$x =$

⑫ $1:y = 5:6$

$y =$

⑬ $m:6 = 3:4$

$m =$

⑭ $3:4 = 4:x$

$x =$

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① $x:3 = 3:4$

$$4x=9$$

$$x = \frac{9}{4}$$

② $5:6 = x:9$

$$6x=45$$

$$x = \frac{15}{2}$$

③ $2:y = 7:8$

$$7y=16$$

$$y = \frac{16}{7}$$

④ $7:8 = x:7$

$$8x=49$$

$$x = \frac{49}{8}$$

⑤ $1:2 = 9:x$

$$x=18$$

$$x = 18$$

⑥ $5:x = 6:7$

$$6x=35$$

$$x = \frac{35}{6}$$

⑦ $9:1 = s:8$

$$s=72$$

$$s = 72$$

⑧ $1:x = 4:5$

$$4x=5$$

$$x = \frac{5}{4}$$

⑨ $n:4 = 5:6$

$$6n=20$$

$$n = \frac{10}{3}$$

⑩ $8:9 = t:5$

$$9t=40$$

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

⑪ $5:6 = 3:x$

$$5x=18$$

$$x = \frac{18}{5}$$

⑫ $1:y = 5:6$

$$5y=6$$

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

⑬ $m:6 = 3:4$

$$4m=18$$

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

⑭ $3:4 = 4:x$

$$3x=16$$

$$x = \frac{16}{3}$$