

比例式

____年 組 名前

/14

■ 次の比例式を解きなさい。

① $x:3 = 7:8$

$x =$

② $6:7 = 2:x$

$x =$

③ $x:9 = 9:1$

$x =$

④ $8:a = 7:8$

$a =$

⑤ $9:1 = y:4$

$y =$

⑥ $1:y = 4:5$

$y =$

⑦ $x:4 = 5:6$

$x =$

⑧ $7:n = 1:2$

$n =$

⑨ $9:1 = 7:x$

$x =$

⑩ $3:4 = s:3$

$s =$

⑪ $4:5 = 5:x$

$x =$

⑫ $6:7 = 8:x$

$x =$

⑬ $5:x = 1:2$

$x =$

⑭ $7:8 = 6:x$

$x =$

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① $x:3 = 7:8$

$$8x = 21$$

$$x = \frac{21}{8}$$

② $6:7 = 2:x$

$$6x = 14$$

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

③ $x:9 = 9:1$

$$x = 81$$

$$x = 81$$

④ $8:a = 7:8$

$$7a = 64$$

$$a = \frac{64}{7}$$

⑤ $9:1 = y:4$

$$y = 36$$

$$y = 36$$

⑥ $1:y = 4:5$

$$4y = 5$$

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

⑦ $x:4 = 5:6$

$$6x = 20$$

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

⑧ $7:n = 1:2$

$$n = 14$$

$$n = 14$$

⑨ $9:1 = 7:x$

$$9x = 7$$

$$x = \frac{7}{9}$$

⑩ $3:4 = s:3$

$$4s = 9$$

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

⑪ $4:5 = 5:x$

$$4x = 25$$

$$x = \frac{25}{4}$$

⑫ $6:7 = 8:x$

$$6x = 56$$

$$x = \frac{28}{3}$$

⑬ $5:x = 1:2$

$$x = 10$$

$$x = 10$$

⑭ $7:8 = 6:x$

$$7x = 48$$

$$x = \frac{48}{7}$$