

# 比例式

\_\_\_\_年 \_\_\_\_組 名前

/14

■ 次の比例式を解きなさい。

①  $x:4 = 8:9$

$x =$

②  $3:4 = 8:x$

$x =$

③  $6:7 = x:5$

$x =$

④  $7:x = 9:1$

$x =$

⑤  $y:2 = 5:6$

$y =$

⑥  $3:m = 7:8$

$m =$

⑦  $1:m = 9:1$

$m =$

⑧  $1:2 = 8:y$

$y =$

⑨  $8:9 = 3:s$

$s =$

⑩  $1:x = 4:5$

$x =$

⑪  $x:6 = 1:2$

$x =$

⑫  $7:8 = x:5$

$x =$

⑬  $9:1 = 6:y$

$y =$

⑭  $x:7 = 5:6$

$x =$

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①  $x:4 = 8:9$

$$9x = 32$$

$$x = \frac{32}{9}$$

②  $3:4 = 8:x$

$$3x = 32$$

$$x = \frac{32}{3}$$

③  $6:7 = x:5$

$$7x = 30$$

$$x = \frac{30}{7}$$

④  $7:x = 9:1$

$$9x = 7$$

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

⑤  $y:2 = 5:6$

$$6y = 10$$

$$y = \frac{5}{3}$$

⑥  $3:m = 7:8$

$$7m = 24$$

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

⑦  $1:m = 9:1$

$$9m = 1$$

$$m = \frac{1}{9}$$

⑧  $1:2 = 8:y$

$$y = 16$$

$$y = 16$$

⑨  $8:9 = 3:s$

$$8s = 27$$

$$s = \frac{27}{8}$$

⑩  $1:x = 4:5$

$$4x = 5$$

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

⑪  $x:6 = 1:2$

$$2x = 6$$

$$x = 3$$

⑫  $7:8 = x:5$

$$8x = 35$$

$$x = \frac{35}{8}$$

⑬  $9:1 = 6:y$

$$9y = 6$$

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

⑭  $x:7 = 5:6$

$$6x = 35$$

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