

1次方程式.7 (比例式)

名前                                  解答                                 

解答

問 次の方程式の解を答えよ。

①  $x:5 = 3:2$   
 $x \times 2 = 5 \times 3$   
 $2x = 15$   
 $x = \frac{15}{2}$

答え  $x = \frac{15}{2}$

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②  $x:7 = 4:3$   
 $x \times 3 = 7 \times 4$   
 $3x = 28$   
 $x = \frac{28}{3}$

答え  $x = \frac{28}{3}$

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③  $x:8 = 6:5$   
 $x \times 5 = 8 \times 6$   
 $5x = 48$   
 $x = \frac{48}{5}$

答え  $x = \frac{48}{5}$

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④  $x:3 = 5:4$   
 $x \times 4 = 3 \times 5$   
 $4x = 15$   
 $x = \frac{15}{4}$

答え  $x = \frac{15}{4}$

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⑤  $x:10 = 7:9$   
 $x \times 9 = 10 \times 7$   
 $9x = 70$   
 $x = \frac{70}{9}$

答え  $x = \frac{70}{9}$

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⑥  $x:12 = 2:5$   
 $x \times 5 = 12 \times 2$   
 $5x = 24$   
 $x = \frac{24}{5}$

答え  $x = \frac{24}{5}$

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⑦  $x:4 = 9:7$   
 $x \times 7 = 4 \times 9$   
 $7x = 36$   
 $x = \frac{36}{7}$

答え  $x = \frac{36}{7}$

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⑧  $x:15 = 8:3$   
 $x \times 3 = 8 \times 15$   
 $3x = 120$   
 $x = \frac{120}{3} = 40$

答え  $x = 40$

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