

1 次方程式. 6 (小数)

名前 _____ 解答 _____

解答

問 次の方程式の解を答えよ。

① $0.5x + 1.2 = 3.7$

$0.5x = 3.7 - 1.2 = 2.5$

$0.5x \times 10 = 2.5 \times 10$

$5x = 25$

答え $x = 5$

② $0.8x - 2.4 = 1.6$

$0.8x = 1.6 + 2.4 = 4.0$

$0.8x \times 10 = 4.0 \times 10$

$8x = 40$

$x = 5$

答え $x = 5$

③ $1.2x + 0.5 = 3.8$

$1.2x = 3.8 - 0.5 = 3.3$

$1.2x \times 10 = 3.3 \times 10$

$12x = 33$

$x = \frac{33}{12} = \frac{11}{4}$

答え $x = \frac{11}{4}$

④ $2.5x - 3.6 = 4.9$

$2.5x = 4.9 + 3.6 = 8.5$

$2.5x \times 10 = 8.5 \times 10$

$25x = 85$

$x = \frac{85}{25} = \frac{17}{5}$

答え $x = \frac{17}{5}$

⑤ $0.3x + 0.9 = 2.4$

$0.3x = 2.4 - 0.9 = 1.5$

$0.3x \times 10 = 1.5 \times 10$

$3x = 15$

$x = 5$

答え $x = 5$

⑥ $4.5x - 1.2 = 8.3$

$4.5x = 8.3 + 1.2 = 9.5$

$4.5x \times 10 = 9.5 \times 10$

$45x = 95$

$x = \frac{95}{45} = \frac{19}{9}$

答え $x = \frac{19}{9}$

⑦ $1.7x + 2.8 = 5.1$

$1.7x = 5.1 - 2.8 = 2.3$

$1.7x \times 10 = 2.3 \times 10$

$17x = 23$

$x = \frac{23}{17}$

答え $x = \frac{23}{17}$

⑧ $3.6x - 0.8 = 7.2$

$3.6x = 7.2 + 0.8 = 8.0$

$3.6x \times 10 = 8.0 \times 10$

$36x = 80$

$x = \frac{80}{36} = \frac{20}{9}$

答え $x = \frac{20}{9}$