

途中式が正しいか確認せよ

① $8x^2 = 6x$

このやり方の
裏面に

0. $\frac{3}{4}$

① $x(x+6) = 2x+5$

-5. +1

② $x^2 - x = 2$

2. -1

② $(x+4)(x-4) = 6x$

8. -2

③ $x^2 + x = x + 49$

+7

③ $(x-5)(x+3) + 12 = 0$

3. -1

④ $x^2 + 64 = 16x$

8

④ $(4x+3)(x-1) = 6-x$

$2\frac{3}{2}$

⑤ $x^2 - x + 20 = 8x$

5. 4

⑤ $(x-7)^2 - 9 = 2(10-x)$

2. 10

⑥ $x^2 = 3x + 54$

9. -6

⑥ $(x+2)(x+3) = 2(x+17)$

4. -7

⑦ $40x^2 - 60x = 4x^2 - 25$

$\frac{5}{8}$

⑦ $x(x+6) = 7$

1. -7

⑧ $3x^2 + 35x = 2x - 72$

-3. -8

⑧ $4x(x+1) + 1 = 0$

$-\frac{1}{2}$

⑨ $25x^2 - 5 = 9x^2 - 4$

$+\frac{1}{4}$

⑨ $(x-3)(x-5) = 3$

6. 2

⑩ $x^2 - 2x = 35$

7. -5

⑩ $(x+8)(x+10) = 4x+35$

-9. -5

⑪ $x^2 = -10x - 16$

-8. -2

⑪ $(x+1)^2 + (x+2)^2 = (x+3)^2$

± 2

⑫ $2x^2 - x - 15 = x^2 + 15$

6. -5

⑫ $(x+6)(x-6) - 7(x-1) = 1$

-3. 10

⑬ $x^2 - 15x + 5 = 5 - 4x$

8. 11

⑬ $2x^2 - (x-1)(x+6) = 0$

2. 3

⑭ $x^2 + 3x - 14 = 2 + 3x$

+4

⑭ $(x-2)^2 = (2x-3)(x+1) - 3$

2. -5

⑮ $4x^2 + 10x = 3x^2 - 7x - 72$

-9. -8

⑮ $6x + (x-4)(x+2) = 4$

2. -6

15問中

$25x^2 + 10x + 1 = 10 - 10x$
 $25x^2 + 20x - 9 = 0$

15問中