

- | | | |
|---|---|--|
| <p>① $x^2 - 49 = 0$ ±7</p> <p>② $x^2 - 11 = 0$ ±√11</p> <p>③ $25x^2 = 4$ ±$\frac{2}{5}$</p> <p>④ $x^2 - 24 = 0$ ±2√6</p> <p>⑤ $36x^2 = 13$ ±$\frac{\sqrt{13}}{6}$</p> <p>⑥ $7x^2 - 3 = 0$ ±$\frac{\sqrt{21}}{7}$</p> <p>⑦ $x^2 - 40 = 0$ ±2√10</p> <p>⑧ $x^2 - 9 = 7$ ±4</p> <p>⑨ $x^2 + 4 = 16$ ±2√3</p> <p>⑩ $x^2 - 8 = 20$ ±2√7</p> <p>⑪ $81x^2 + 7 = 39$ ±$\frac{4\sqrt{2}}{9}$</p> <p>⑫ $32x^2 - 11 = 9$ ±$\frac{\sqrt{10}}{4}$</p> <p>⑬ $8x^2 + 5 = 23$ ±$\frac{3}{2}$</p> <p>⑭ $18x^2 - 6 = 2x^2$ ±$\frac{\sqrt{8}}{4}$</p> <p>⑮ $14x^2 - 36 = 6x^2$ ±$\frac{3\sqrt{2}}{2}$</p> | <p>① $(x-5)^2 = 1$
$x-5 = \pm 1$ 6, 4</p> <p>② $(x+2)^2 = 16$
$x+2 = \pm 4$ 2, -6</p> <p>③ $(x-9)^2 = 5$
$x-9 = \pm\sqrt{5}$ 9 ± √5</p> <p>④ $(x-8)^2 = 18$
$x-8 = \pm 3\sqrt{2}$ 8 ± 3√2</p> <p>⑤ $(x-7)^2 = 60$
$x-7 = \pm 2\sqrt{15}$ 7 ± 2√15</p> <p>⑥ $(x-1)^2 - 25 = 0$
$(x-1)^2 = 25$
$x-1 = \pm 5$ 6, -4</p> <p>⑦ $(x+4)^2 - 45 = 0$
$(x+4)^2 = 45$
$x+4 = \pm 3\sqrt{5}$ -4 ± 3√5</p> <p>⑧ $(x-3)(x+9) = 0$ 3, -9</p> <p>⑨ $(x+6)(x-7) = 0$ -6, 7</p> <p>⑩ $x(2x+13) = 0$ 0, -$\frac{13}{2}$</p> <p>⑪ $4x(3x-1) = 0$ 0, $\frac{1}{3}$</p> <p>⑫ $-x(5x-9) = 0$ 0, $\frac{9}{5}$</p> <p>⑬ $(7x-3)(4x+1) = 0$ $\frac{3}{7}, -\frac{1}{4}$</p> <p>⑭ $(8x-5)(5x-2) = 0$ $\frac{5}{8}, \frac{2}{5}$</p> <p>⑮ $(10x-7)(9x-2) = 0$ $\frac{7}{10}, \frac{2}{9}$</p> | <p>① $x^2 - 5x = 0$
$x(x-5) = 0$ 0, 5</p> <p>② $x^2 = 12x$
$x(x-12) = 0$ 0, 12</p> <p>③ $5x^2 - 2x = 0$
$x(5x-2) = 0$ 0, $\frac{2}{5}$</p> <p>④ $x^2 - 6x - 27 = 0$
$(x-9)(x+3) = 0$ 9, -3</p> <p>⑤ $x^2 - 14x + 49 = 0$
$(x-7)^2 = 0$ 7</p> <p>⑥ $9x^2 - 16 = 0$
$(3x+4)(3x-4) = 0$ -$\frac{4}{3}, \frac{4}{3}$</p> <p>⑦ $4x^2 - 20x + 25 = 0$
$(2x-5)^2 = 0$ $\frac{5}{2}$</p> <p>⑧ $64x^2 + 48x + 9 = 0$
$(8x+3)^2 = 0$ -$\frac{3}{8}$</p> <p>⑨ $x^2 + 5x - 24 = 0$
$(x+8)(x-3) = 0$ 3, -8</p> <p>⑩ $x + 40 = (x-2)^2$ 9, -4</p> <p>⑪ $(x-3)(x-7) + 8 = 4$ 5</p> <p>⑫ $(x-8)(x+4) = 22 - x$ -6, 9</p> <p>⑬ $(2x-3)^2 - 19 = 3(x^2 - 3x)$ ok
-2.5</p> <p>⑭ $(x-7)(x-5) + (x-4)(x+4) = 1$ ok
3</p> <p>⑮ $(2x-1)^2 = 2x(x+2) + 25$ ok
6, -2</p> |
|---|---|--|

15問中

15問中

15問中

$(x-6)(x+3) = x^2 - 7x - 18 \rightarrow x^2 - x - 9 = +22x + 9$