

Quadratic formula and Systems WS

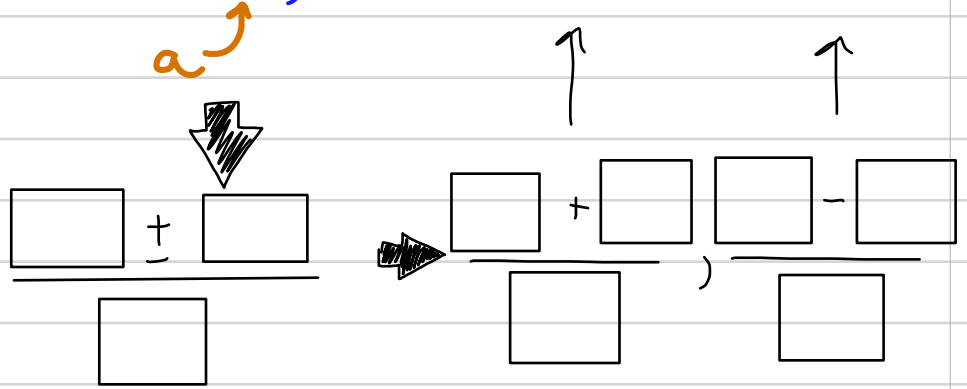
Solve

① $x^2 - 8x + 15 = 0$

$a = \quad b = \quad c =$

calculate $b^2 - 4ac$

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



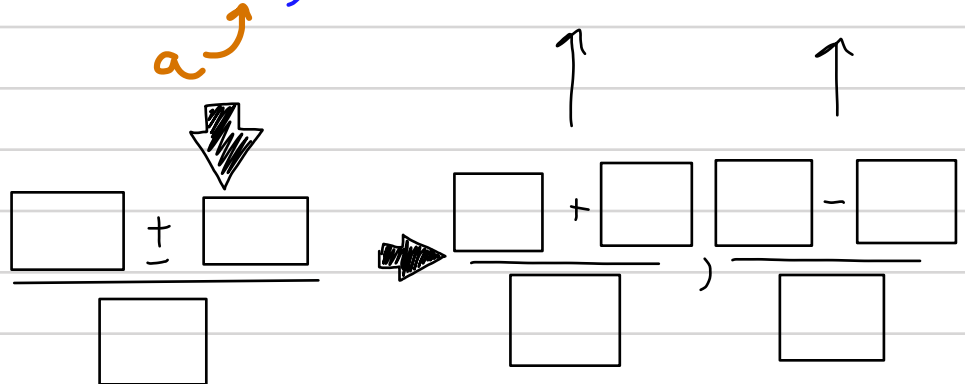
Answer \rightarrow

② $x^2 + 6x - 27 = 0$

$a = \quad b = \quad c =$

calculate $b^2 - 4ac$

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



Answer \rightarrow

③ $4x^2 - 8x - 21 = 0$
 $a = \quad b = \quad c =$

calculate $b^2 - 4ac$

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2(\quad)}$$

$$\frac{\quad \pm \quad}{\quad}$$

$$\frac{\quad + \quad}{\quad}, \frac{\quad - \quad}{\quad}$$

Answer $\rightarrow \quad , \quad$

④ $5x^2 - 6x - 8 = 0$
 $a = \quad b = \quad c =$

calculate $b^2 - 4ac$

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2(\quad)}$$

$$\frac{\quad \pm \quad}{\quad}$$

$$\frac{\quad + \quad}{\quad}, \frac{\quad - \quad}{\quad}$$

Answer $\rightarrow \quad , \quad$

⑤ $6x^2 - x - 35 = 0$
 $a = \quad b = \quad c =$

calculate $b^2 - 4ac$

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2(\quad)}$$

$$\frac{\quad \pm \quad}{\quad}$$

$$\frac{\quad + \quad}{\quad}, \frac{\quad - \quad}{\quad}$$

Answer $\rightarrow \quad , \quad$