

月 日	2 次方程式	合格 失格	NAME
6	解の公式で解く - ⑧ B		

①  $16x^2 + 24x + 9 = 0$

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

$$x = \frac{-24 \pm \sqrt{576 - 576}}{32}$$

$$= \frac{-24}{32}$$

$$= -\frac{3}{4}$$

=

$$= -\frac{3}{4}$$

④  $2x^2 - 6x = 0$

$$\Rightarrow x(x-3) = 0$$

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

x =

=

=

=

$$= 0, 3$$

$$\begin{array}{r} 24 \\ \times 24 \\ \hline 96 \\ 48 \\ \hline 576 \end{array}$$

②  $x^2 - 7x + 5 = 0$

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

x =

=

=

=

$$= \frac{7 \pm \sqrt{29}}{2}$$

⑤  $5x^2 + 4x - 2 = 0$

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

x =

=

=

=

$$= \frac{-2 \pm \sqrt{14}}{5}$$

③  $3x^2 - 5x - 2 = 0$

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

x =

=

=

=

$$= 2, -\frac{1}{3}$$

⑥  $9x^2 - 6x + 1 = 0$

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

x =

=

=

=

$$= \frac{1}{3}$$