Set up your page like this:

Bell Work Monday 9/18

In your notebook bellwork section

SAT

$2x^2 - 4x = t$

In the equation above, t is a constant. If the equation has no real solutions, which of the following could be the value of t ?

A) -3

B) -1

C) 1

D) 3

Write down the question

Bellwork week 3 : 9/18 to 9/22 Name:_____
MONDAY Write down the question Underline after each day
TUESDAY Write down the question Underline after each day
WEDNESDAY
THURSDAY

$2x^2 - 4x = t$ $\quad ax^2 + bx + c = 0$

$a = 2 \quad b = -4 \quad c = -t$

$2x^2 - 4x - t = 0$

No real solution $\rightarrow$ Discriminant < 0

$b^2 - 4ac < 0$

$(-4)^2 - 4(2)(-t) < 0$

$16 + 8t < 0$

$-16 \quad -16$

$\frac{8t}{8} < \frac{-16}{8}$

$t < -2$

A) -3 ✓

B) -1

C) 1

D) 3