Math II

Name\_\_\_\_\_ ID: 1

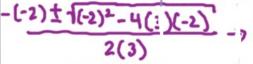
Quadratic Formula Practice

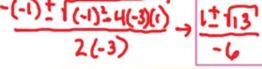
Date Period

Solve each equation with the quadratic formula.

1) 
$$3x^2 - 2x - 2 = 0$$
 A=3 B=-2 C=-2

2) 
$$-3n^2 - n + 1 = 0$$
 As-3 Bs-1 C=1





1.21 XX - 0.55

3) 
$$-2x^2 + x + 5 = 0$$
 A = -2 B = 1 C = 5

$$\frac{-(1) \pm \sqrt{(1)^{2} + 4(-2)(5)}}{2(-2)} \rightarrow \frac{-1 \pm \sqrt{41}}{-4}$$

$$\frac{-(3)\pm \sqrt{(3)^2-4(-1)(4)}}{2(-1)} \rightarrow \frac{-3\pm \sqrt{25}}{-2} \rightarrow \frac{-3\pm 5}{-2}$$

x≈1.35 X≈1.85

5) 
$$-3n^2 - 3n + 4 = 0$$
 Az - 3 Bz - 3 Cz 4

$$\frac{3+3}{6} = \frac{3-3}{2} = \frac{3}{6}$$
6)  $-3x^2 + 2x - 3 = 0$  A=-3 B=2 C=-3

$$\frac{-(2) \pm \sqrt{(2)^2 - 4(-3)(-3)}}{2(-3)} \rightarrow \frac{-2 \pm \sqrt{-32}}{-6}$$

X≈-1.76 X≈0.76

No Solotion!

finish me.pdf Page 2 of 3

7) 
$$2a^{2}-a-4=0$$
  $A=2$   $B=-1$   $C=-1$   $C=-1$