

Alg 2 Ch 5 Quiz 1 Review

1. $x = \pm 5$
($\sqrt{s}$)

2. $x = -\frac{1}{3}$
 $x = 5$
(Factoring)

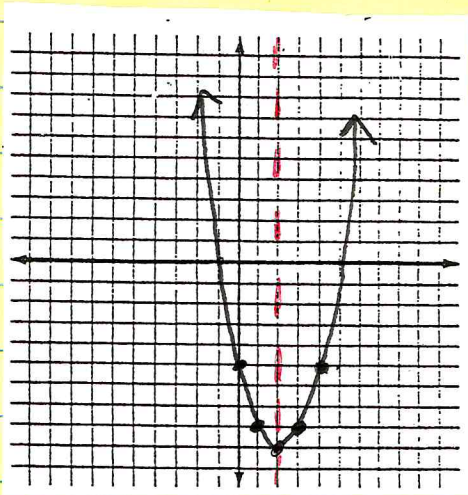
3. $x = 4 \pm \sqrt{7}$
(QF)

4. $x = -6 \pm 6\sqrt{2}$
($\sqrt{s}$)

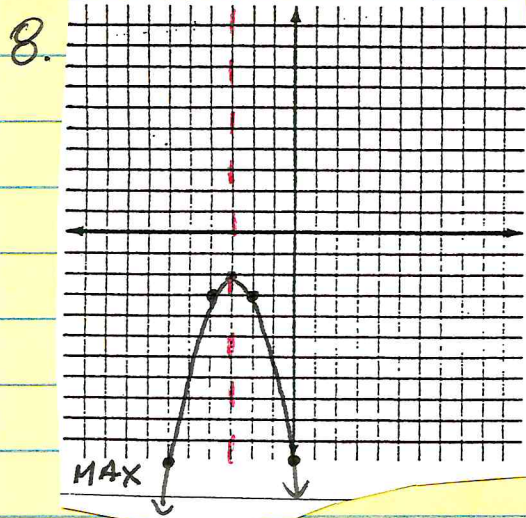
5. $x = \frac{-3 \pm \sqrt{3}}{3}$
(QF)

6. $x = 0$
 $x = -\frac{3}{5}$
(Factoring)

7.

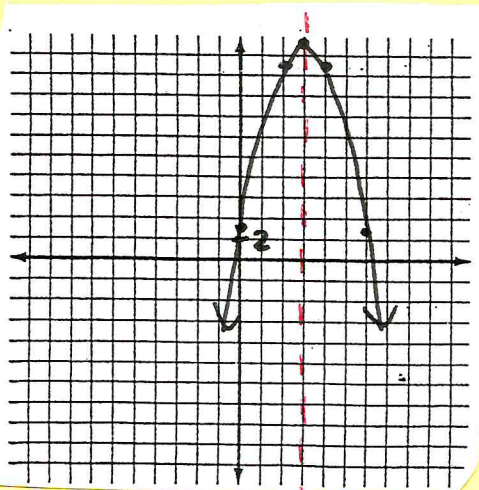


- LOS
 1. $x = 2$
 2. $V(2, -9)$
 3. "slope" pts
 $(1, -8) + (3, -8)$
 4. $y = ut + (0, -5)$
 + partner $(4, 5)$
 Min



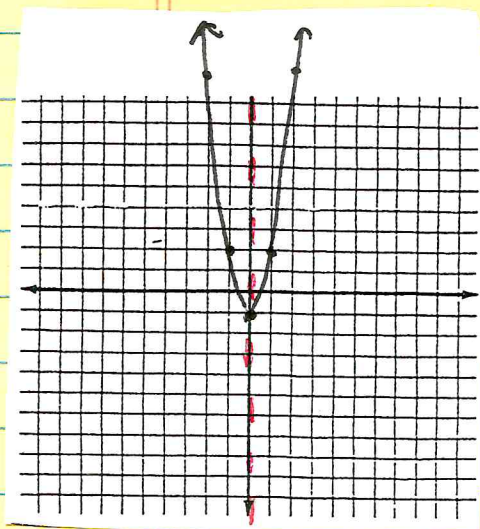
1. LOS $x = -3$
 2. $V(-3, -2)$
 3. "slope" pts
 $(-4, -3) + (-2, -3)$
 4. $y = ut + (0, -11)$
 + partner $(6, 11)$

9.



Max

10.



Min

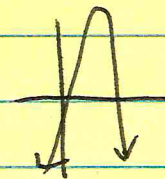
1. LOS $x = 3$ 2. $V(3, 21)$
 3. "slope" pts $(2, 19) + (4, 19)$
 4. $y = ut + (0, 31) + \text{partner } (6, 3)$

11. $x = \text{time (sec)}$ $y = h + (ft)$

a) $y = -16x^2 + 22x + 3$

b) At 1.1 sec, the ht is 7.84 ft

c) The ball is 6 ft high at
 .153 seconds + again at 1.222 seconds



1. LOS $x = 0$ 2. $V(0, -1)$

3. "slope" pts $(-1, 2) + (1, 2)$

4. Extra pts $(2, 11) (-2, 11)$