Trigonometry Review Day One
Solving Quadratics With and without the quadratic formula Name _____

1. Super easy a) $x^2 = 100$ b) $x^2 = 20$ c) $x^2 = 225$

2. Easy a) $2x^2 = 98$ b) $x^2 - 5 = 20$ c) $3x^2 + 4 = 52$

3. A little harder a) $(x-4)^2 = 49$ b) $(x+3)^2 = 144$ c) $(x-6)^2 = 100$
(cover up)

4. (Use factors, need = 0 first.)

a) $x^2 + 5x = 14$ b) $x^2 - x = 56$ c) $x^2 - 2x = 3$ d) $x^2 + 10x + 20 = -4$

Use the Quadratic Formula, need " = " 0 first) $\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

a) $2x^2 - x + 3 = 0$ b) $2x^2 + 16x = -12$ c) $x^2 - 5x = -6$

a = __ b = __ c = __ a = __ b = __ c = __ a = __ b = __ c = __