

Name: _____
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Class: _____

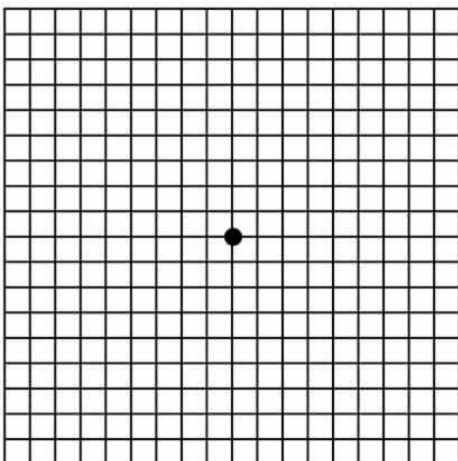
Algebra
Unit 10
HW 10-1

1) Solve: $x^2 + 8x + 3 = 0$

2) Solve: $2x^2 - 9x + 4 = 0$

3) Solve: $3x^2 + 4x - 1 = 0$

4) Sketch a graph of $h = -16t^2 + 20t + 60$. If h represents the height a ball is above the ground at time t , when does the ball hit the ground?



5) Find the zeros of this function: $f(x) = x^2 - 12x + 31$

6) Solve: $13x - 2x^2 - 6 = 2x^2 - 6x + 1$

7) Find the solution to the system: $t(x) = 3x^2 - 6x - 2$ and $g(x) = 5x^2 + 4x + 7$