**Course: Algebra II**

**Subject: Mathematical Reasoning**

**Topic: Quadratics**

**Subtopic: Graphing Quadratic**

**Document: Quick Drill A Resource**

**Reference Number: 2104-7**

*https://youtube.com/c/MrMattTheTutor*



1. Sketch $Y=2X^{2}+8X+3$



1. Sketch $Y=3X^{2}-6X+1$



1. Sketch $Y=7X^{2}-28X+3$



1. Sketch $Y=3\left(X-4\right)\left(X+2\right)$



1. Sketch $Y=2\left(X+3\right)\left(X+1\right)$



1. Sketch $Y=-2\left(X-1\right)\left(X-2\right)$



1. Sketch $Y=3\left(X+3\right)^{2}-2$



1. Sketch $Y=2\left(X+1\right)^{2}-4$



1. Sketch $Y=-2\left(X+4\right)^{2}+3$

