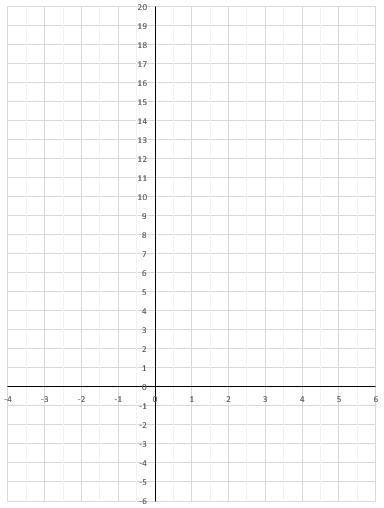
**Sketching Quadratic Graphs**

1. Sketch the graph of

**Shape** – Is it -shaped or -shaped?

**Y-Axis** – Find out where it crosses the y-axis by putting .



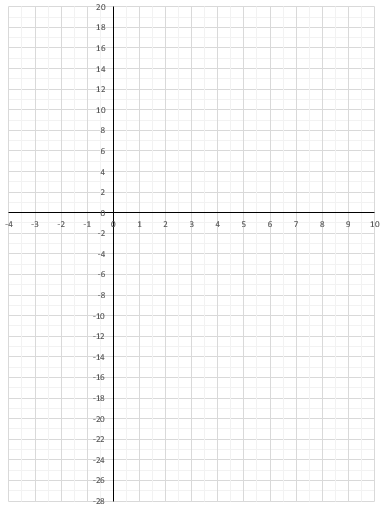
**Turning Point**– Complete the square into the format where the turning point is

**X-Axis** – Find out where it crosses the x-axis by putting , then solving the quadratic equation.

1. Sketch the graph of

**Y-Axis** – Find out where it crosses the y-axis by putting .

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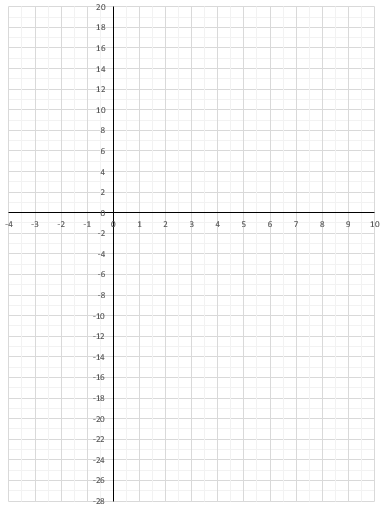
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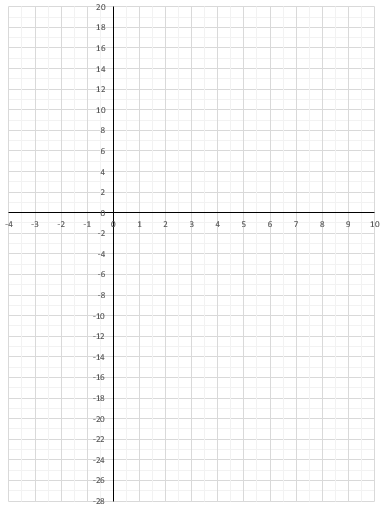
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