

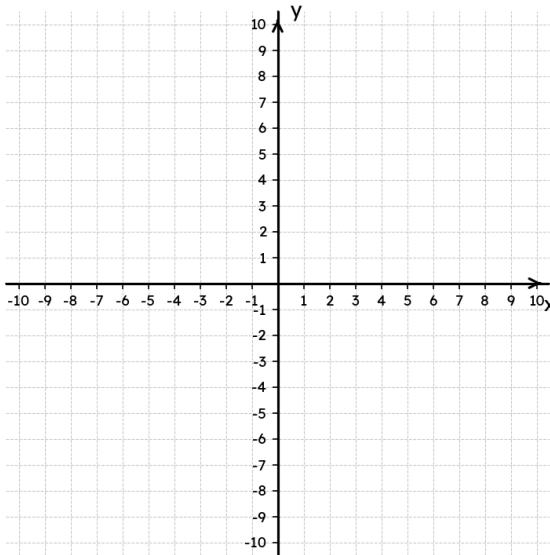


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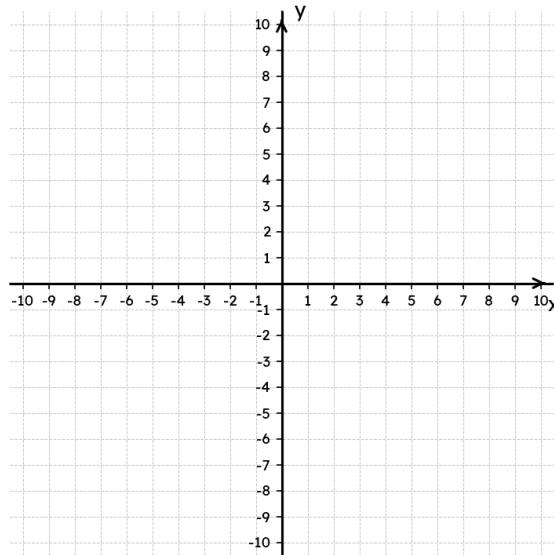
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## Graphing Parabolas (Medium)

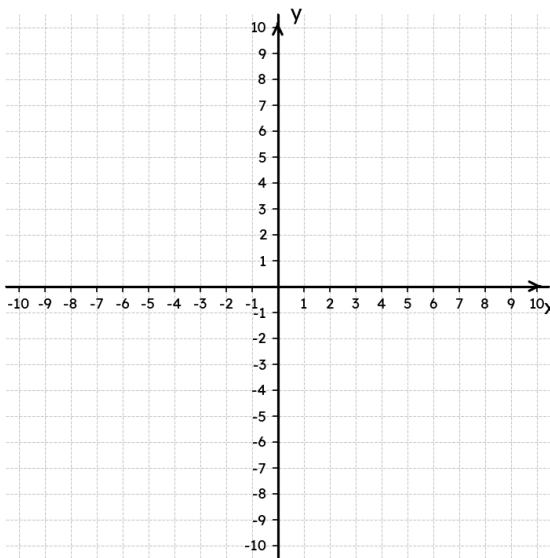
1.  $y = (x - 2)^2 - 2$



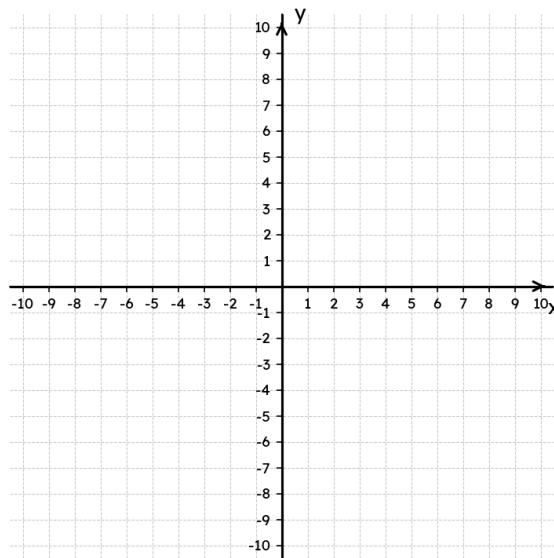
3.  $y = (x + 1)^2 - 4$



2.  $y = (x - 4)^2 - 1$



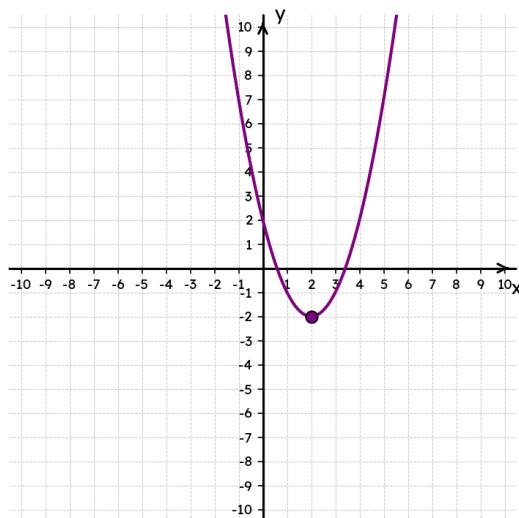
4.  $y = (x - 4)^2 + 2$





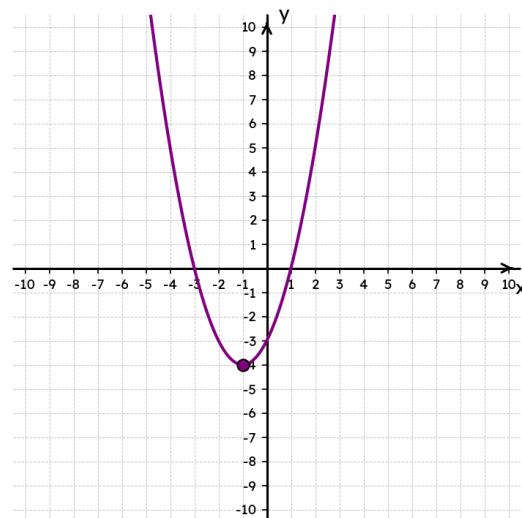
# Graphing Parabolas (Medium) - Answer Key

1.  $y = (x - 2)^2 - 2$



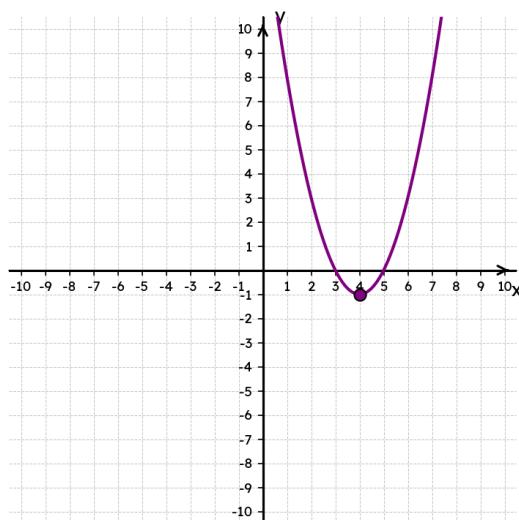
Vertex: (2, -2)

3.  $y = (x + 1)^2 - 4$



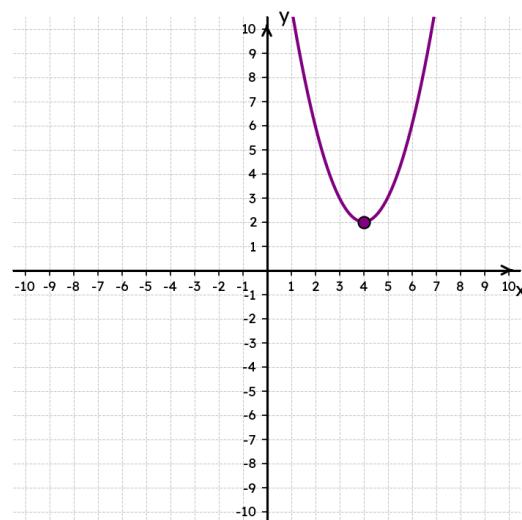
Vertex: (-1, -4)

2.  $y = (x - 4)^2 - 1$



Vertex: (4, -1)

4.  $y = (x - 4)^2 + 2$



Vertex: (4, 2)