

## 9.1 Homework

**Simplify.**

1)  $\sqrt{45}$

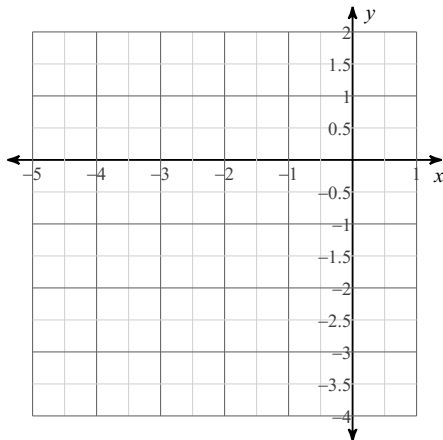
2)  $\sqrt{108}$

3)  $\sqrt{8}$

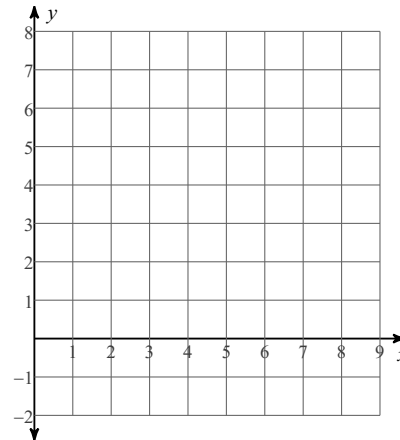
4)  $\sqrt{112}$

**Sketch the graph of each function.**

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

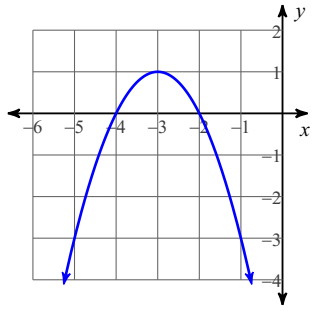


6)  $y = 2(x - 4)^2 - 1$

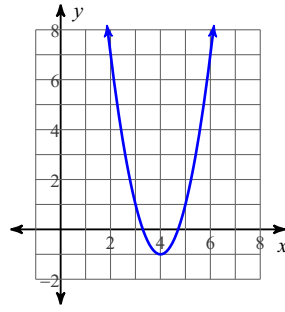


# Answers to 9.1 Homework

1)  $3\sqrt{5}$   
5)



2)  $6\sqrt{3}$   
6)



3)  $2\sqrt{2}$

4)  $4\sqrt{7}$