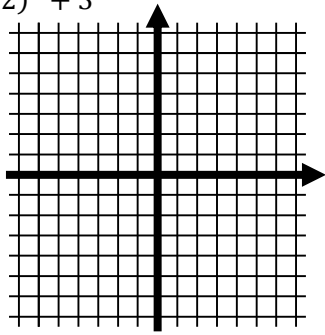


Name:
Transformations Practice

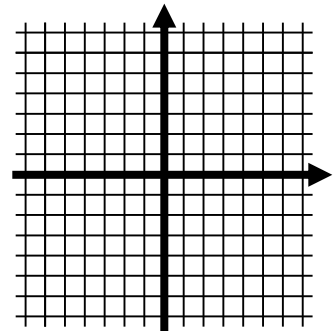
Directions:

- Describe each transformation (make a bullet-pointed list)
- State the vertex for each quadratic
- Draw the graph for each
- State the type of x-intercepts

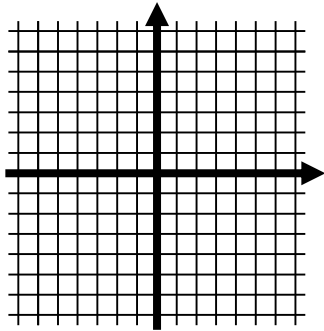
1. $f(x) = (x - 2)^2 + 3$



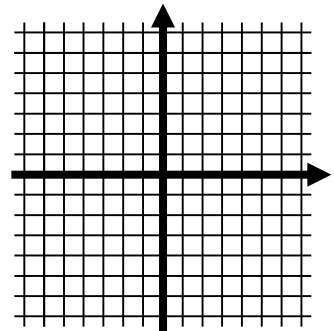
2. $f(x) = -(x + 1)^2 - 4$



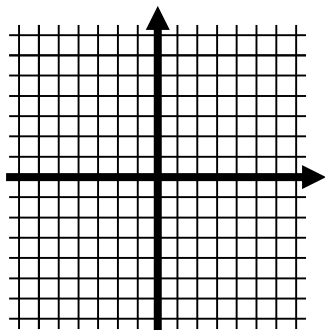
3. $f(x) = 2(x - 4)^2$



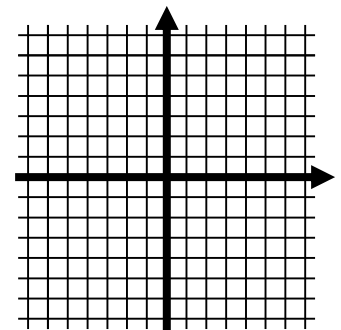
4. $f(x) = -\frac{1}{2}(x)^2 + 1$



5. $f(x) = -4(x + 3)^2 - 2$



6. $f(x) = -\frac{1}{5}x^2$

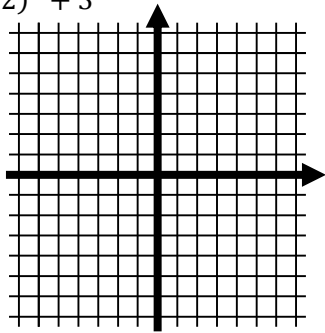


Name:
Transformations Practice

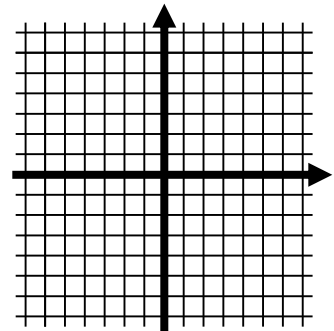
Directions:

- Describe each transformation (make a bullet-pointed list)
- State the vertex for each quadratic
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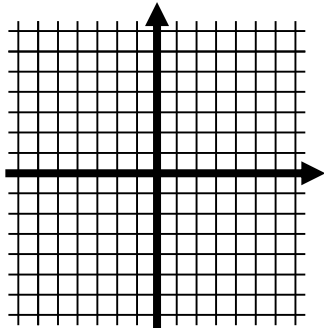
1. $f(x) = (x - 2)^2 + 3$



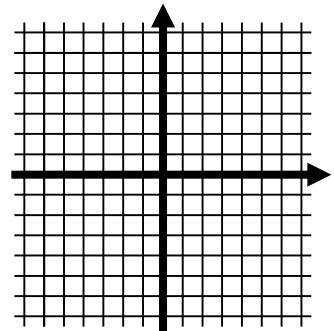
2. $f(x) = -(x + 1)^2 - 4$



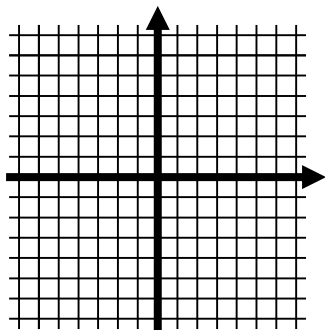
3. $f(x) = 2(x - 4)^2$



4. $f(x) = -\frac{1}{2}(x)^2 + 1$



5. $f(x) = -4(x + 3)^2 - 2$



6. $f(x) = -\frac{1}{5}x^2$

