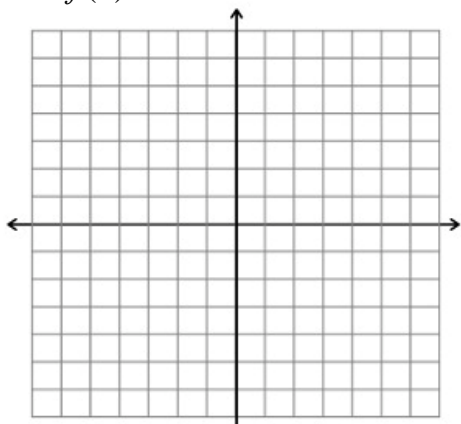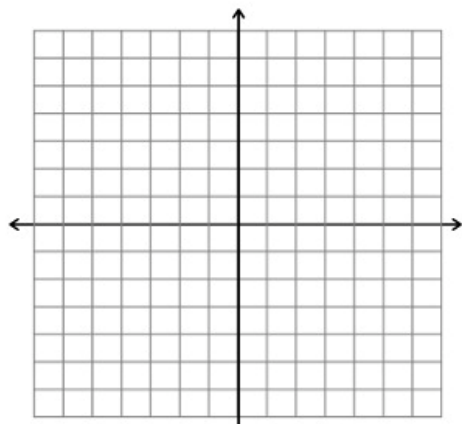Name: _____

Period: _____

Graph the parent function. Then for the second function, state the transformations, then graph.
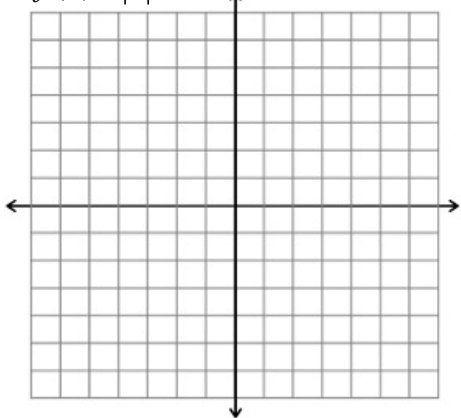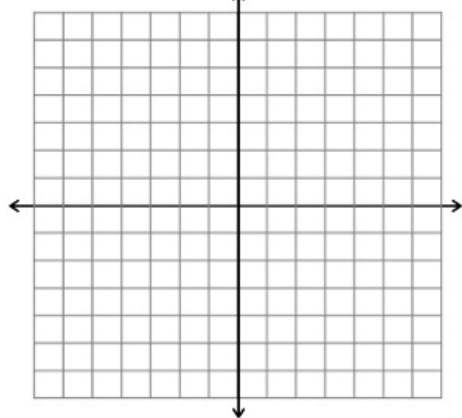
1. $f(x) = x$

2. $f(x) = 3x - 4$
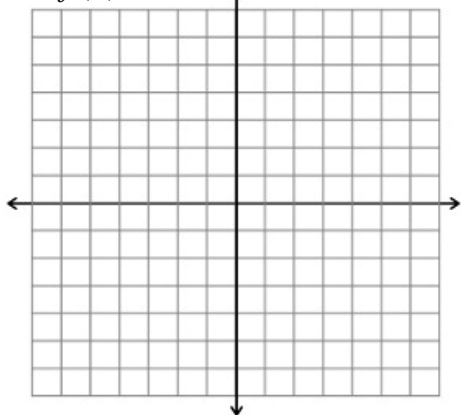Transformations:

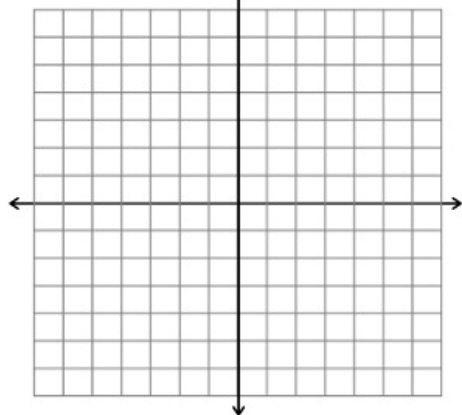3. $f(x) = |x|$

4. $f(x) = |x + 1| - 5$
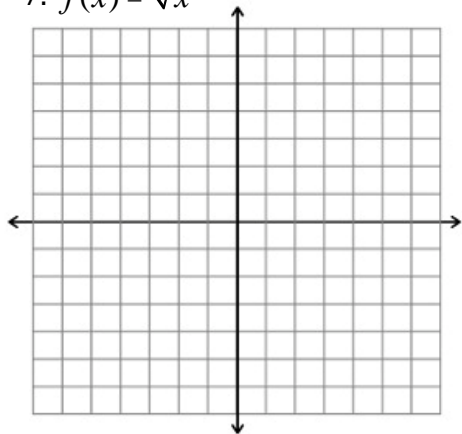Transformations:

5. $f(x) = x^2$

6. $f(x) = (x + 4)^2 - 3$
Transformations:

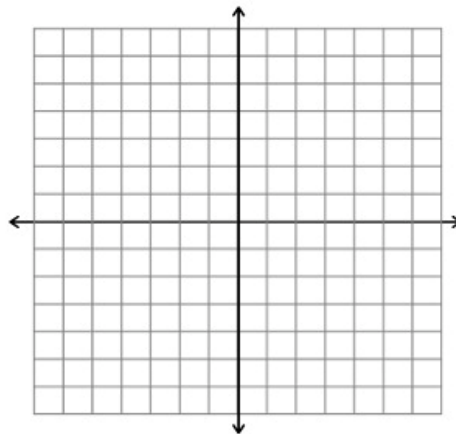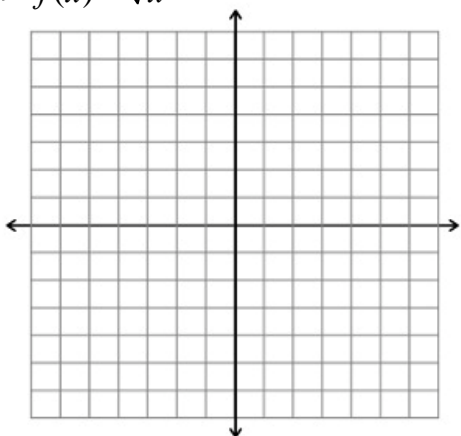7. $f(x) = \sqrt{x}$

8. $f(x) = \sqrt{x + 3} + 3$

Transformations:

9. $f(x) = \sqrt{x}$

10. $f(x) = -\sqrt{x} + 1$

Transformations: