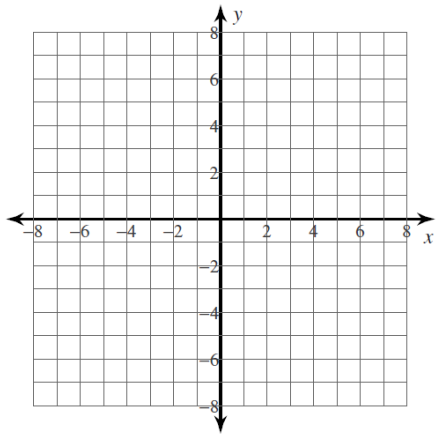


## Graphing Parabolas All in One

Graph each parabola using the appropriate approach based on the form given.

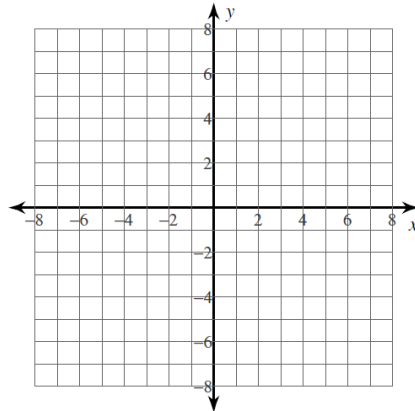
**Problem #1**

$$15) f(x) = -3(x - 2)^2 - 4$$



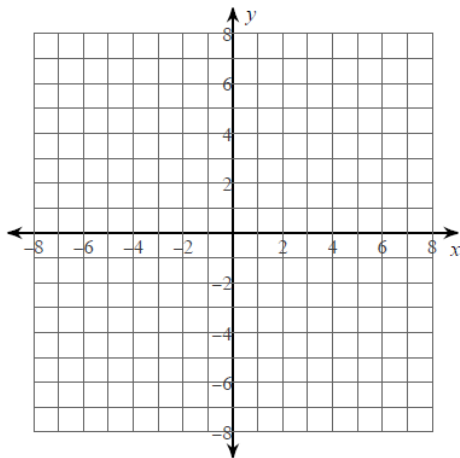
**Problem #2**

$$16) f(x) = -\frac{1}{4}(x - 1)^2 + 4$$



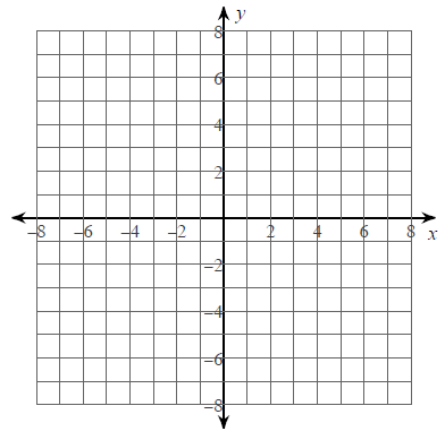
**Problem #3**

$$6) f(x) = (x - 1)(x + 1)$$



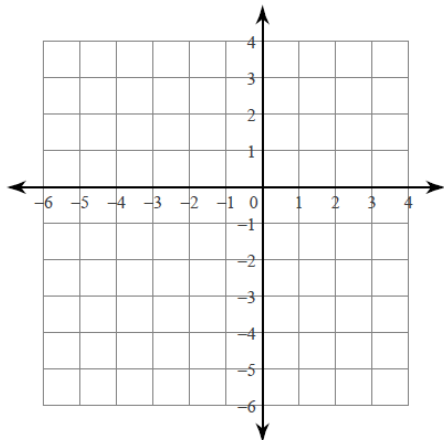
**Problem #4**

$$10) f(x) = \frac{1}{2}x(x - 7)$$



**Problem #5**

$$9) f(x) = -2x^2 - 8x - 5$$



**Problem #6**

$$12) f(x) = -x^2 - 2x$$

