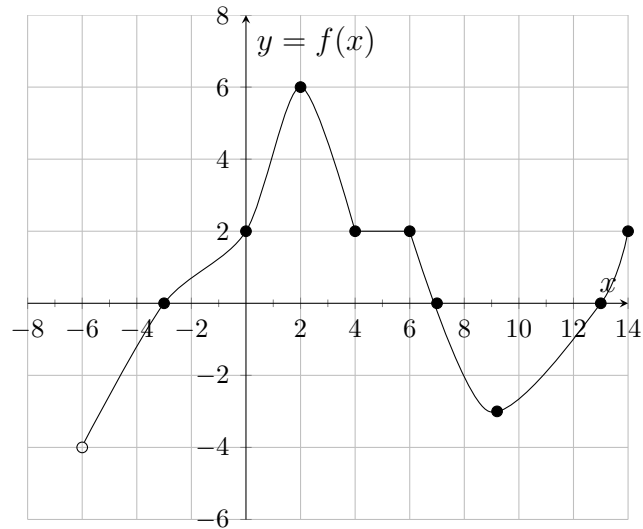


Use the graph of the function  $y = f(x)$  shown below to determine the following:



1. (2)  $f(-3) =$

$f(0) =$

$f(2) =$

$f(12) =$

2. (2ea) What is the domain of  $f(x)$ ?

What is the range of  $f(x)$ ?

3. (3) What is/are the zero(s) of  $f(x)$ ?

4. (2ea) On what open interval(s) is  $f(x)$  increasing?

On what open interval(s) is  $f(x)$  decreasing?

5. (2ea) On what interval(s) is  $f(x)$  positive?

On what interval(s) is  $f(x)$  negative?

6. (3) What is/are the turning point(s) of  $f(x)$ ?