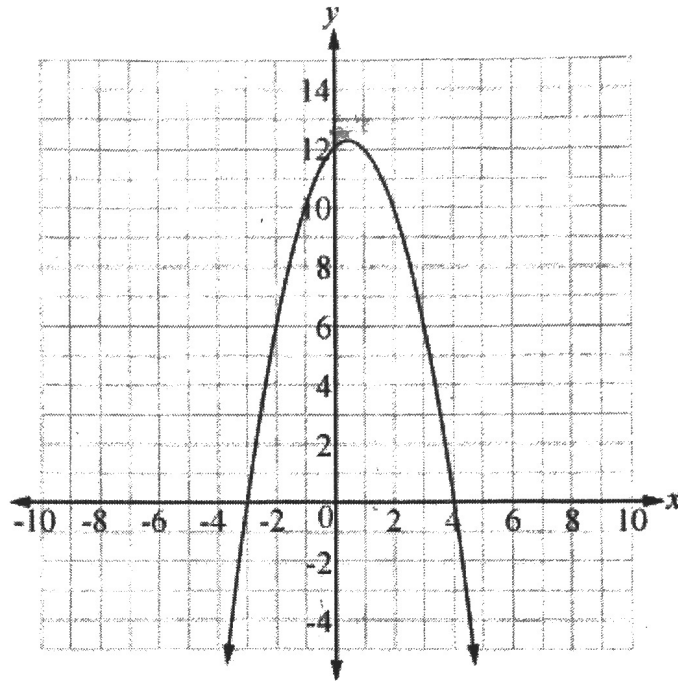


Mathematics Algebra I Benchmark Assessment

- 30 The graph below shows the quadratic function $f(x) = -x^2 + x + 12$.



Part A

What are the x -intercepts of this function?

Part B

On what interval is the function decreasing?

Part C

What are the coordinates of the vertex of the function?

Part D

Explain in words how you found the coordinates of the vertex.

