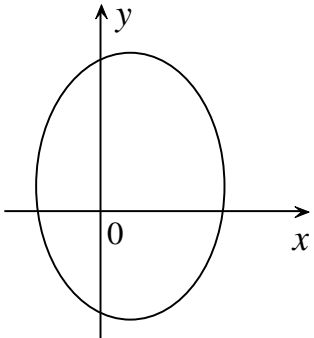
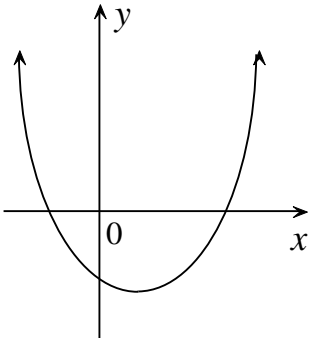
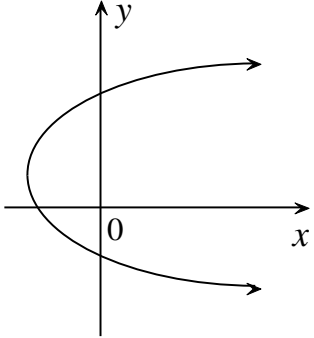
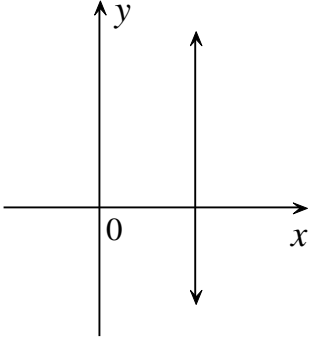


## Grade 9 Mathematics Worksheet

### Functions

#### Questions:

1. Which of the following graphs represents  $y$  as a function of  $x$ ?

A)		B)	
C)		D)	

## Grade 9 Mathematics Worksheet

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**Solution:**

1. The only functional relationship here is (B) as it only produces one output value ( $y$ ) for a specific input value ( $x$ ).

For a relation to be a function the independent variable (input) must only produce one output.

This can be taught using Venn Diagrams, vertical line test, or the values in a table.