

## Grade 9 Mathematics Worksheet

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### Integers

#### Questions:

1. An integer  $x$  is such that  $-3 < x \leq 4$ . List all possibilities for  $x$ .
  - A) -3; -2; -1
  - B) -3; -2; -1; 1; 2; 3; 4
  - C) 1; 2; 3; 4
  - D) -2; -1; 1; 2; 3; 4

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### Solution

1. We are looking for integers that lie between -3 and 5 seeing that 4 is included. These will be -2; -1; 1; 2; 3; 4. So the solution is (D).

Learners have to interpret the symbols represented in this inequality. Also a fair understanding of the concept of integers.