

# Basics of Sets and Relations #4

You are given two sets.

Set **A** = {1,2,3,4,5,6}

Set **B** = {2,3,4,5,6,7,8}

What is the total number of ordered pairs present in the Cartesian Product  $A \times B$ ? Only enter the correct integer in the answering box. Do not include any extra spaces, tabs or newlines.