



Math for the people, by the people.

range

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Let R be a binary relation. Then the set of all y such that xRy for some x is called the *range* of R . That is, the range of R is the set of all second coordinates in the ordered pairs of R .

In the case of functions, this means that the range of a function is the full set of values it can take on (the outputs), given the full set of parameters (the inputs). Note that the range is a subset of the codomain.