

Answer on Question #68807 – Math – Discrete Mathematics

Question

Example of a subset of a set that contains 4 elements

Solution

The set B consists of all the numbers from 1 to 21:

$$B = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21\}$$

The subset C consists of the numbers from 1 to 21 that are divisible by 5:

$$C = \{5, 10, 15, 20\}$$

Here C is a subset of B and C contains 4 elements.