

A **set** is a collection of things.

**Set A** is a set of multiples of 2  
that are less than 17.

$$\text{set A} = \{2, 4, 6, 8, 10, 12, 14, 16\}$$

**Set B** is a set of multiples of 3  
that are less than 17.

$$\text{set B} = \{3, 6, 9, 12, 15\}$$

The individual entries of the set are called **elements**.

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The **Union** of two **sets** is the set containing the elements that are  
in either set or both sets.

$$\text{set C} = \text{set A} \cup \text{set B}$$

$$\text{set C} =$$

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**set D** = **set A**  $\cap$  **set B**

**set D** =

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