

Activity: Union of sets

1) Join with arrows as appropriate

Diagram illustrating the Union of sets (U) for various categories:

- Row 1:** Set A (Fruits: Apple, Pineapple, Banana) and Set B (School supplies: Book, Pencil) are joined by a Union symbol (U). Set I (A collection of various flags) is shown to the right.
- Row 2:** Set D (Numbers 1-9) and Set E (Animals: Owl, Bird, Penguin, Duck) are joined by a Union symbol (U). Set Ñ (Four children) is shown to the right.
- Row 3:** Set G (A collection of various flags) and Set H (Animals: Owl, Bird, Penguin, Duck) are joined by a Union symbol (U). Set F (Numbers 1-9 and Animals: Owl, Bird, Penguin, Duck) is shown to the right.
- Row 4:** Set M (Four children) and Set N (Two children) are joined by a Union symbol (U). Set C (Fruits: Pineapple, Banana, Apple and School supplies: Book, Pencil) is shown to the right.

2) Select the correct answer

$$A = \{1, 2, 3, 4, 5, 6, 7\} \quad U \quad B = \{a, e, i\}$$

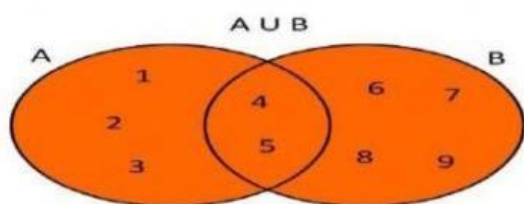
$$a) A \cup B = \{1, 2, 3, 4, 5, 6, 7, a, e, i\} \quad b) A \cup B = \{1, 2, 5, 6, 7, a, e, i\} \quad A \cup B = \{1, 2, 3, 4, 5, 6, e, i\}$$

3) Select the correct answer

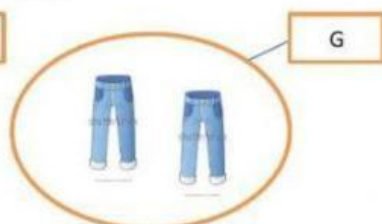
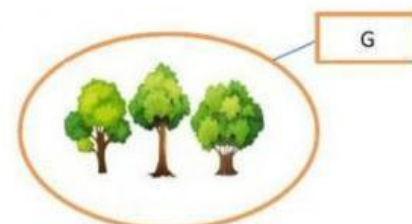
$$A = \{\text{do, re, mi, fa, sol}\} \quad U \quad B = \{0, 1, 2, 3\}$$

$$b) A \cup B = \{1, 2, 3, \text{do}\} \quad b) A \cup B = \{a, e, i\} \quad A \cup B = \{\text{do, re, mi, fa, sol, 0, 1, 2, 3}\}$$

4) The union of the following sets



5) Drag and drop as appropriate

 G	 G	 G
Set of trees	Set of school supplies	Set of pants