

Activity: Union of sets

1) Join with arrows as appropriate

The exercise shows two columns of set pairs. Each pair consists of two circles, one with a label (A, B, D, E, G, H, M, N) and one with a union symbol 'U'. The right column shows the resulting union sets, labeled I, Ñ, F, and C. The goal is to connect the left sets to their corresponding union sets on the right.

2) Select the correct answer

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

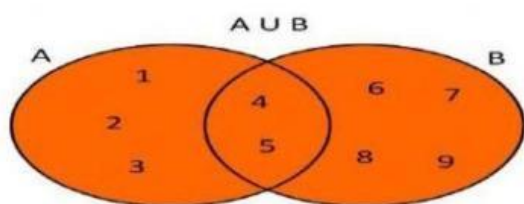
a) $A \cup B = \{1, 2, 3, 4, 5, 6, 7, a, e, i\}$ b) $A \cup B = \{1, 2, 5, 6, 7, a, e, i\}$ $A \cup B = \{1, 2, 3, 4, 5, 6, e, i\}$

3) Select the correct answer

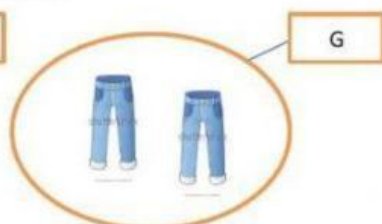
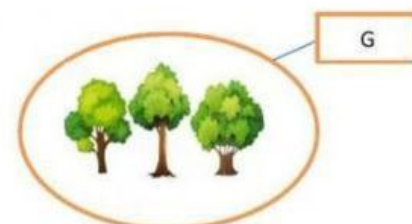
$$A = \{\text{do, re, mi, fa, sol}\} \quad U \quad B = \{0, 1, 2, 3\}$$

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

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