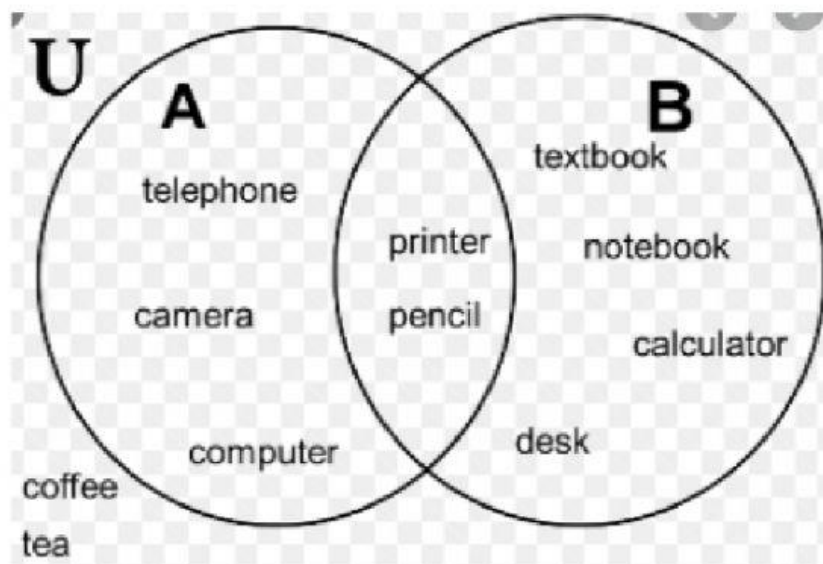


## UNION AND INTERSECTION PRACTICE WORKSHEET

NAME: \_\_\_\_\_

CLASS: \_\_\_\_\_

Look at the following sets:



Which elements are **only** in A? \_\_\_\_\_

Which elements are in **both** sets? \_\_\_\_\_

Which elements are **not** in either A or B? \_\_\_\_\_

How many elements are **in** B? \_\_\_\_\_

Find.

$$A \cup B = \{ \quad \quad \quad \}$$

$$A \cap B = \{ \quad \quad \}$$

Write down the union and intersection of the following pairs of sets:

$$\mathbf{A = \{1, 2, 3, 4, 5, 6\} \quad B = \{1, 3, 5, 7, 9\}}$$

$$A \cup B = \{ \quad \quad \quad \}$$

$$A \cap B = \{ \quad \quad \quad \}$$

Write down the union and intersection of the following pairs of sets:

$$\mathbf{M = \{letters\ in\ the\ word\ 'COMPUTER'\}}$$

$$\mathbf{N = \{letters\ in\ the\ word\ 'CALCULATOR'\}}$$

$$M \cup N = \{ \quad \quad \quad \}$$

$$M \cap N = \{ \quad \quad \quad \}$$

Write down the union and intersection of the following pairs of sets:

$$\mathbf{A = \{a,b,c,d\} \quad B = \{e,f\}}$$

$$A \cup B = \{ \quad \quad \quad \}$$

$$A \cap B = \{ \quad \quad \quad \}$$