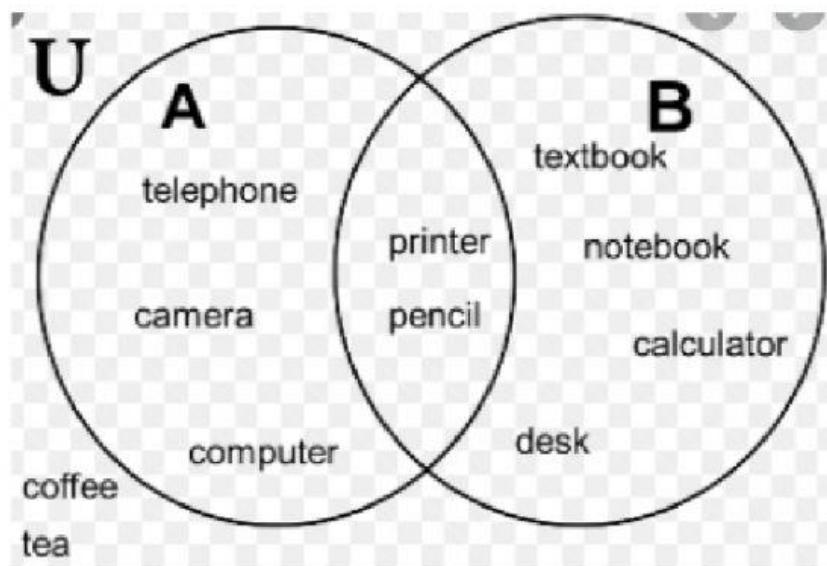


UNION AND INTERSECTION PRACTICE WORKSHEET

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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