

NAME \_\_\_\_\_

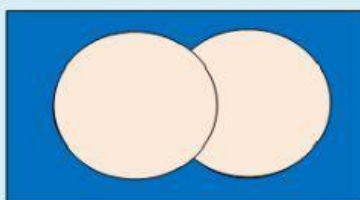
DATE \_\_\_\_/\_\_\_\_/\_\_\_\_

### 401 Week 3-4 Assignment SETS

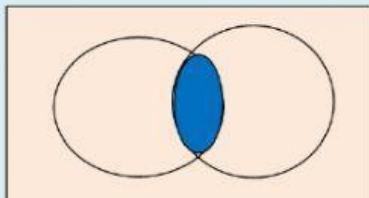
Answer all questions and send a screenshot in the Assignment upload area of your Graded results.

#### 1. Match the diagram with the SET label

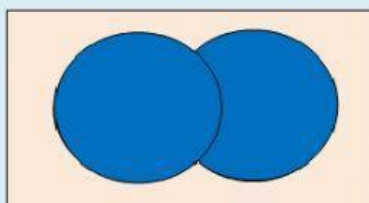
$A \cup B$



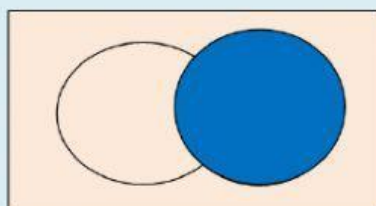
$A'$



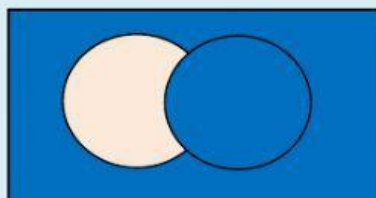
$B$



$(A \cup B)'$



$A \cap B$



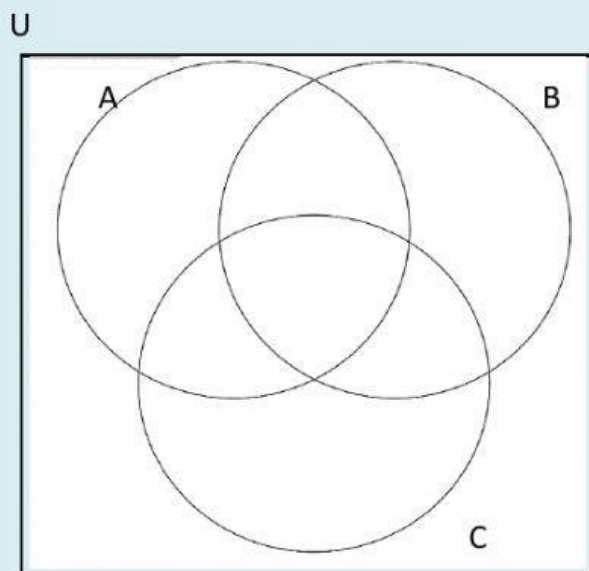
## 2. Given

$$A = \{2, 4, 6, 8, 10, 12\}$$

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

$$C = \{4, 8, 12, 16, 20\}$$

Fill in the missing values on the Venn Diagram using the following.



State the members of  $A \cup B \cup C = \{ \quad \quad \quad \}$

State the members of  $U = \{ \quad \quad \quad \}$

State the members of  $A \cap B \cap C = \{ \quad \quad \quad \}$