

Sets Assignment

Write the elements in each set.

1. $A = \text{Set of Odd Numbers}$

2. $B = \text{Set of Prime Numbers}$

3. $C = \{x | x < 5, x \in N\}$

4. $D = \{y | y = 12\}$

5. $E = \{n | n = \sqrt{y}, y \in N\}$

Given $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$, $A = \{1, 3, 5, 11, 12\}$, $B = \{2, 3, 5, 7, 11\}$, $C = \{7, 11\}$,
find:

1. A'

2. B'

3. C'

Name: _____ Period: _____ Date: _____

Sets Assignment

4. $A \cup B \cup C$

5. $A \cap B \cap C$

6. Is $A \cup B \cup C = U$?

U

Given $A = \{a, b, c, d, e, f\}$, $B = \{d, e, g, h, o\}$, $C = \{a, b, d, m, n, o\}$, find $A \cup B \cup C$ and $A \cap B \cap C$ and represent the results using Venn Diagrams.