

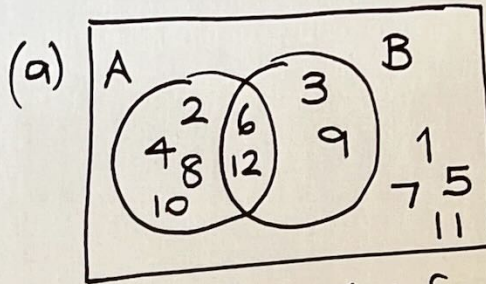
Two Set Venn Diagrams

$\xi = \{\text{Integers from 1 to 12}\}$

$A = \{\text{multiples of 2}\}$

$B = \{\text{multiples of 3}\}$

- Show these sets on a Venn diagram
- List the elements of $A \cap B$
- List the elements of A'
- List the elements of $A' \cup B$



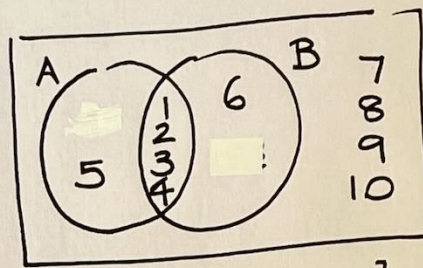
- (b) $\{6, 12\}$ (c) $\{1, 3, 5, 7, 9, 11\}$
 (d) $\{1, 3, 5, 6, 7, 9, 11, 12\}$

$\xi = \{\text{Integers from 1 to 10}\}$

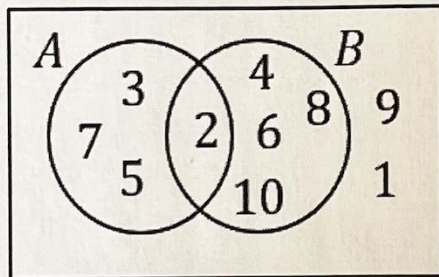
$A = \{\text{Integers five or less}\}$

$B = \{\text{factors of 12}\}$

- Show these sets on a Venn diagram
- List the elements of $A \cup B$
- List the elements of B'
- List the elements of $A' \cap B'$

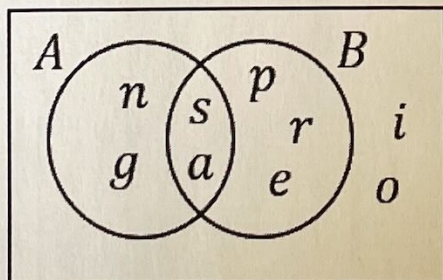


- (b) $\{1, 2, 3, 4, 5, 6\}$
 (c) $\{5, 7, 8, 9, 10\}$
 (d) $\{7, 8, 9, 10\}$



- List the elements of $A \cap B$
- List the elements of $(A \cap B)'$
- List the elements of B'

- (a) $\{2\}$
 (b) $\{1, 3, 4, 5, 6, 7, 8, 9, 10\}$
 (c) $\{1, 3, 5, 7, 9\}$



- List the elements of $A \cup B$
- List the elements of $(A \cup B)'$
- List the elements of $A' \cap B'$

- (a) $\{n, g, a, s, p, r, e\}$
 (b) $\{i, o\}$
 (c) $\{i, o\}$