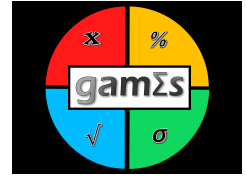


GAMES Practice Problems – Sets and Numbering Systems



- let $A = \{1, 3, 5, 6, 8\}$, $B = \{2, 3, 6, 8\}$, $C = \{0, 1, 2, 4, 6, 7\}$ List the elements for the following set. Separate each element with commas.
 - $A \cap B$
 - $A \cup B$
 - $(B \cup C) \cap A$
 - $B \cup (C \cap A)$
- Find the following
 - $(3, 12) \cap [7, 15]$
 - $(3, 12) \cup [7, 15]$
- let $A = \{1, 3, 7, 8, 9\}$, $B = \{3, 7, 9, 11\}$ List the elements for the following set. Separate each element with a comma.
 - $A \cap B$
 - $A \cup B$
- let $A = \{1, 3, 7\}$, $B = \{2, 4, 6\}$ List the elements for the following set. Separate each element with a comma.
 - $\{A \cap B\}$
 - $\{A \cup B\}$
- let $R = \{a, b, c\}$, $S = \{a, c, d, e\}$ List the elements for the following set. Separate each element with a comma.
 - $S \cap R$
 - $S \cup R$



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