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## VENN DIAGRAM

- 2011A 6. Set  $A$  has 20 elements, and set  $B$  has 15 elements. What is the smallest possible number of elements in  $A \cup B$ , the union of  $A$  and  $B$ ?
- (A) 5      (B) 15      (C) 20      (D) 35      (E) 300