Answer on Question #51199 – Math – Set Theory

1. Which of the following truly represents a set:

   a) $\{1, 3, 1, 6, 0, 0\}$;

   b) $\{2, 3, 6, 7\}$;

   c) $\{7, 3, 6, 7, 2\}$;

   d) $\{1, 9, 9, 6, 7\}$.

Solution

We know, that a set can have two or more members which are identical, but this set is set with duplicate members. This set is identical to set without duplicate members. Then, true set is $\{2, 3, 6, 7\}$.

Answer: b) $\{2, 3, 6, 7\}$ truly represents a set.