✓ **¡Felicitaciones! ¡Aprobaste!**

PARA APROBAR 75 % o más

[Continúa aprendiendo]

CALIFICACIÓN
**100%**

# Practice quiz on Sets

**PUNTOS TOTALES DE 3**

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1. Let $A = \{1, 3, 5\}$. Is the following statement: $3 \in A$. True or false?

   `1 / 1 puntos`

   ⦿ True

   ◯ False

   > ✓ **Correct**
   >
   > The symbol $\in$ stands for "is an element of" and it is true that $3$ is an element of $A$. The other two elements of $A$ are $1$ and $5$.

   ◯ $E$

   ◯ $-3$

   > ✓ **Correct**
   >
   > Recall that the cardinality of a set is the number of elements in it. Since $E$ has three elements (which are $-1, -2, -3$), the cardinality of $E$ is $|E| = 3$.

3. Let $A = \{1, 3, 5\}$ and $B = \{3, 5, 10, 11, 14\}$.

   `1 / 1 puntos`

   Which of the following sets is equal to the intersection $A \cap B$?

   ◯ $\{3\}$

   ⦿ $\{3, 5\}$

   ◯ $\{3, 5, 10\}$

   ◯ $\{1, 3, 5\}$

   > ✓ **Correct**