Consider the following sets.

$$A = \{x \in \mathbf{Z} : x \text{ is an integer multiple of } 3.\} \quad B = \{x \in \mathbf{Z} : x \text{ is a perfect square.}\}$$

$$C = \{4, 5, 9, 10\}, \quad D = \{2, 4, 11, 14\}, \quad E = \{3, 6, 9\}.$$

Which ones of the following are true?

1. $D \subseteq C$

2. $27 \in B$

3. $E \in A$

4. $A \subset E$

5. $100 \in B$

6. $15 \subset A$