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## In-Video Quiz

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### Q1

1/1 point (ungraded)

Consider a relation  $R(A,B,C)$  with multivalued dependency  $A \twoheadrightarrow B$ . Suppose there at least 3 different values for A, and each value of A is associated with at least 4 different B values and at least 5 different C values. What is the minimum number of tuples in R?

☒ 60☐ 15☐ 12☐ 27

### Explanation

Multivalued dependency  $A \twoheadrightarrow B$  says that for each value of A, we must have every combination of B and C values. So for each of the 3 values of A we must have at least  $4 \times 5 = 20$  different tuples.

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