◀ Lesson 12:
Hypothesis Testing

☰   Quiz: Setting Up Hypothesis Tests

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QUESTION 2 OF 3

Consider the following statement:

"Dyson air purifiers are the best."

Which set of hypotheses could accurately test this statement?

○ Null: Dyson air purifiers **are not** the best. Alternative: Dyson air pu
the best.

○ Null: Dyson air purifiers **are** the best. Alternative: Honeywell air pur
good as Dyson air purifiers.

Null: Dyson air purifiers **are not** the best. Alternative: Dyson air purifie

○ It's impossible to set up null and alternative hypotheses based on t

statement.

QUESTION 3 OF 3

Consider the following statement:

"The average height of a human is smaller than or equal to 70 inches."

Which set of hypotheses below is correctly set up based on this assertion?

○ Null: The average height of a human is greater than 70 inches. Alte
average height of a human is smaller than or equal to 70 inches.

○ Null: The average height of a human is greater than 70 inches. Alte
average height of a human is not greater than 70 inches.

Null: The average height of a human is not greater than 70 inches. Alte
average height of a human is greater than 70 inches.

○ It's impossible to set up null and alternative hypotheses based on t
statements.