Clicker Question #1

True or False: NP-complete problems are the hardest kind of algorithmic problems.

A. True
B. False
Clicker Question #1

True or False: NP-complete problems are the hardest kind of algorithmic problems.

A. True
B. False
Clicker Question #2

“Reducing SAT to 3-SAT” means:

A. Pretending we have an imaginary SAT solver and using it to solve 3-SAT

B. Pretending we have an imaginary 3-SAT solver and using it to solve SAT

C. Showing that any instance of SAT is the same as some instance of 3-SAT

D. Showing that any instance of 3-SAT is the same as some instance of SAT
Clicker Question #2

“Reducing SAT to 3-SAT” means:
A. Pretending we have an imaginary SAT solver and using it to solve 3-SAT
B. Pretending we have an imaginary 3-SAT solver and using it to solve SAT
C. Showing that any instance of SAT is the same as some instance of 3-SAT
D. Showing that any instance of 3-SAT is the same as some instance of SAT
Clicker Question #3

“Reducing SAT to 3-SAT” means: (select the best answer below)

A. Our reduction must work for every YES instance of SAT
B. Our reduction must work for every YES instance of 3-SAT
C. Our reduction must work for every legal instance of SAT
D. Our reduction must work for every legal instance of 3-SAT
Clicker Question #3

“Reducing SAT to 3-SAT” means: (select the best answer below)

A. Our reduction must work for every YES instance of SAT
B. Our reduction must work for every YES instance of 3-SAT
C. Our reduction must work for every legal instance of SAT
D. Our reduction must work for every legal instance of 3-SAT