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