



Prove: The product of any three consecutive even numbers is always a multiple of 8.

Prove: If you multiply two odd numbers, you get an odd number.

Prove: If you add two consecutive odd numbers, the result will be a multiple of 4.

Prove: If you multiply two consecutive odd numbers, the result will be a multiple of 4.

Take any three consecutive numbers and add them together.

a. What do you notice about their sum?

b. Prove that this always happens.