Make a conjecture for the scenario by giving three examples. Then prove your conjecture algebraically.

1. The sum of four odd numbers.

Examples:

1)  
2)  
3)  

Conjecture:  

Algebraic Proof:  

2. The product of an even and an odd number.

Examples:

1)  
2)  
3)  

Conjecture:  

Algebraic Proof:  

3. The product of two odd numbers.

Examples:

1)  
2)  
3)  

Conjecture:  

Algebraic Proof: