Properties of Adding and Multiplying Even and Odd Integers

Integers

-9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9

Even Integers

Odd Integers

Properties of Addition with Even and Odd Integers

Property	Example
Even + Even	4 + 12
Even + Odd	6 + 9
Odd + Odd	7 + 13

Properties of Multiplication with Even and Odd Integers

Property	Example
Even x Even	4 x 6
Even x Odd	6 x 9
Odd x Odd	7 x 3

Properties of Even and Odd Integers

Properties of Addition	Property of Multiplication
Even + Even = Even	Even x Even = Even
Even + Odd = Odd	Even x Odd = Even
Odd + Odd = Even	Odd x Odd = Odd