Odds & Evens

Addition and Subtraction

Odd ± Even = ODD

Odd ± Odd = EVEN

Even ± Even = EVEN

Multiplication

Odd × Odd = ODD

Even × Even = EVEN

Odd × Even = EVEN

Division

When we divide two numbers, there is no guarantee that one number will divide into another exactly. If it does not divide exactly, the result of the division will not be a whole number but a decimal, and thus will be neither even nor odd.

Even ÷ Even = EVEN, ODD or DECIMAL

Even ÷ Odd = EVEN or DECIMAL

Odd ÷ Odd = ODD or DECIMAL

Odd ÷ Even = DECIMAL (neither ODD or EVEN)