

Investigation – Odd and Even Numbers

I have been playing around with numbers and added together a few pairs of odd numbers. The answers have something in common. The answers are all even.

Test a few odd + odd to check this rule.

What would happen by adding even + even?
Investigate a few numbers and write a rule.

What happens when you add an even + odd?
Write a rule.

Investigate if there are rules for subtracting odd and even numbers. Odd – odd, Even – even, Odd – even, Even – odd.

Investigate if there are rules for multiplication. Odd x odd, Even x even, Odd x even.

CHALLENGE: Investigate whether the same rules can be used for adding and multiplying three numbers, for example odd + odd + even = ?