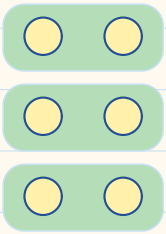
Odd and even numbers

Number · AC9M4N02

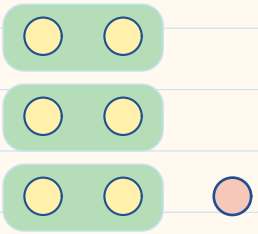
Even numbers make pairs with none left over. Odd numbers leave one unpaired.

6 counters



Even: all paired

7 counters



Odd: one left over

☆ Look at the ones digit

Even numbers end in 0, 2, 4, 6 or 8.

Odd numbers end in 1, 3, 5, 7 or 9.

Zero is even: 0 = 2 × 0. So are 20, 134 and 2,006.

☆ Add or subtract

Even + even = even; odd + odd = even.

Even + odd = odd. For subtraction, compare the types:

Same types → even; different types → odd.

☆ Multiply and explain

Even × any whole number = even; odd × odd = odd.

6 × 7 = 42 (even); 7 × 9 = 63 (odd).

Copies of an even group can all be arranged in pairs.

☆ Use the rules to check

43 + 27 must be even: both numbers are odd.

71 is odd, so it cannot be right. 43 + 27 = 70.

An even answer passes this check, but may still be wrong.

Remember...

Predict first: 8 + 5, 9 − 4 and 7 × 5 are all odd.

Use pairs or calculate to explain an odd/even prediction.