

# Always, sometimes, never

Are the following statements always true, sometimes true or never true?

How do you know?

The sum of three numbers is odd	If you add 1 to an odd number you get an even number
Multiples of 5 end in a 5	If you add two odd numbers you get an odd number
If you add a multiple of 10 to a multiple of 5 the answer is a multiple of 5	

What about these more complex statements?

When you multiply two numbers you will always get a bigger number	If you add a number to 5 your answer will be bigger than 5
Dividing a whole number by a half makes it twice as big	The sum of three consecutive numbers is divisible by 3

Cut out the cards from this sheet and arrange them below these headings.

Always True	Sometimes True	Never True

Can you find examples or counter-examples for each one?

For the "sometimes" cards can you explain when they are true? Or rewrite them so that they are always true or never true?