

# Maths operators

Addition: + `(myVar = myVar + 1)`

Subtraction: - `(myVar = myVar - 1)`

Multiplication: \* `(myVar = myVar * myVar)`

Division: / `(myVar = myVar / 2)`

# Maths operators

## Integer division: DIV

- gives the integer part of the answer only

$$14 \text{ DIV } 3 = 4$$

## Remainder division: MOD

- gives the remainder part of the answer only

$$14 \text{ MOD } 3 = 2$$

# Maths operators

Remainder division is helpful if you need to know if a number is perfectly divisible by another. For example:

```
IF myVar MOD 3 = 0 THEN
    OUTPUT "Your number is divisible by 3"
ELSE
    OUTPUT "Your number is not divisible by 3"
ENDIF
```

This is used by security checks - for example, credit card numbers