

# Y6 Multiplication and Division

Sometimes, Always, Never

# Teacher Guidance

Each slide has 1 statement for the children to determine if it is:

- sometimes true
- always true
- never true

Encourage the children to find examples and counter examples for each statement.

Extra Challenges:

- for 'sometimes' statements explain when they are 'true'
- for 'sometimes' statements - rewrite the statement so that it is either 'always true' or 'never true'

Great starter activities which help children to explore their understanding of key concepts and provide opportunities to use mathematical vocabulary.

# Sometimes, Always, Never

Only even numbers have common multiples.

# Sometimes, Always, Never

1 is a factor of all numbers.

# Sometimes, Always, Never

To determine divisibility of a 3 digit number by a single-digit number - add the digits of the 3-digit number together; if the total is a multiple of the single-digit number then the 3-digit number is divisible by the single-digit number.

# Sometimes, Always, Never

A factor pair is two random numbers.

# Sometimes, Always, Never

All prime numbers have 2 factors.

# Sometimes, Always, Never

All odd numbers are prime numbers.



# Sometimes, Always, Never

A cube number is double a square number.

# Sometimes, Always, Never

A number can be a square or a cube number but not both.

# Sometimes, Always, Never

A written method is the most efficient way to multiply a 4-digit number by a 1 digit number.

# Sometimes, Always, Never

Short division is the same as long division.



**KS2Gems**