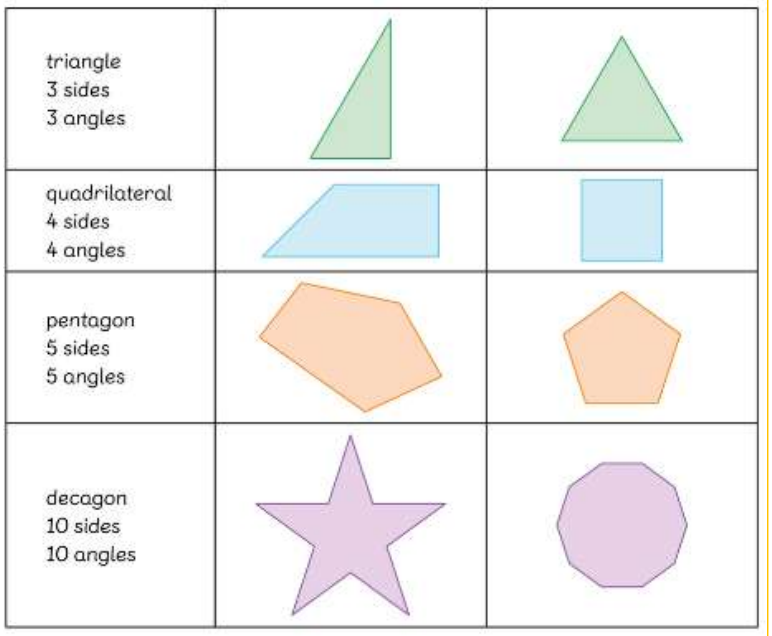
Factors, Multiples and Primes Vocabulary

Term	Definition	Example
Factor	A whole number that multiplies exactly into another.	The factors of 15 = 1,3,5,15.
Product	A number that has factors.	The product 15 has the factors = 1,3,5,15.
Prime Number	A number with only 2 factors: 1 and itself.	7 is a prime number as its factors are 1 and 7.
Common Factor	Factors of two numbers that are the same.	Factors of 10 = 1,2,5,10 Factors of 14 = 1,2,7,14 1 and 2 are common factors.
Multiple	The result when a number is multiplied by a whole number.	Multiples of 4 = 4,8,12,16,20,24...
Common Multiple	Multiples of 2 numbers that are the same.	Multiples of 3= 3,6,9,12... Multiples of 4= 4,8,12,16... 12 is a common multiple.

Geometry and Shape Vocabulary

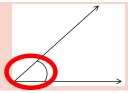
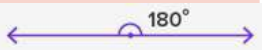
Term	Definition
2D	A shape with 2 dimensions (width and height).
3D	A shape with 3 dimensions (width, height and depth).
Regular Polygon	A shape where all angles and sides are equal.
Irregular Polygon	A shape where the sides and angles are not equal.



Multiplication and Division Vocabulary

Term	Definition	Example
Multiplying	To multiply (times) a number by repeating a number.	7 x 7 = 49 (instead of 7+7+7+7+7+7+7)
Dividing	To share a numbers value into equal groups.	48 ÷ 8 = 6 (48 shared equally 8 times will leave it in groups of 6).
Partitioning	When multiplying, multiplying the different columns and then use addition.	432 x 23 = 432 x 20 = 8640 432 x 3 = 1296 8640 + 1296 = 9936
Digits	The amount of individual numbers in a number.	5612 has 4 digits as it is made up of 5,6,1,2.
Estimation	To create a close guess based off of a reasonable prediction to check an answer.	49 x 31 = 50 x 30 = 1500 You would expect 49 x 31 to be close to 1500.

Angles Vocabulary

Term	Definition	Example
Angle	The space on a shape where to lines meet.	
Acute	An angle between 1˚- 89˚.	
Right Angle	An angle with exactly 90˚.	
Obtuse	An angle between 91˚- 179˚.	
Straight Line	An angle with exactly 180˚.	
Reflex	An angle between 181˚- 359˚.	
Full Angle	An angle with exactly 360˚.