

Types of Triangle

Equilateral triangle: All sides and angles are equal.

Isosceles triangle: Two sides and two angles are equal.

Right-angled triangle: One angle is a right angle (90°).

Scalene triangle: All sides and angles are different.

Acute Angle

An acute angle is less than 90°.

Here are some examples of acute angles:

Right Angle

A right angle is 90°.

Here are some examples of right angles:

Straight Angle

A straight angle is 180°.

Here is an example of a straight angle:

Obtuse Angle

An obtuse angle is greater than 90° but less than 180°.

Here are some examples of obtuse angles:

Reflex Angle

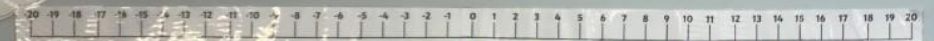
A reflex angle is greater than 180° but less than 360°.

Here are some examples of reflex angles:

Right, acute, obtuse, straight or reflex?
What kind of angle is this?

Right, acute, obtuse, straight or reflex?
What kind of angle is this?

Right, acute, obtuse, straight or reflex?
What kind of angle is this?



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MATHS

Learning Theme: Geometry

Angles...

I am less than 90°
Est. 50°

I am greater than 180° but less than 360°
Est. 270°

Acute angle

Reflex angle

Obtuse angle

Protractor

Right angle

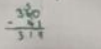
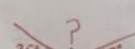
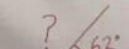
Full turn about a point = 360°

Half turn about a point = 180°

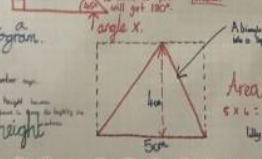
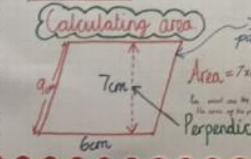
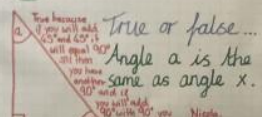
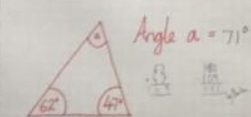
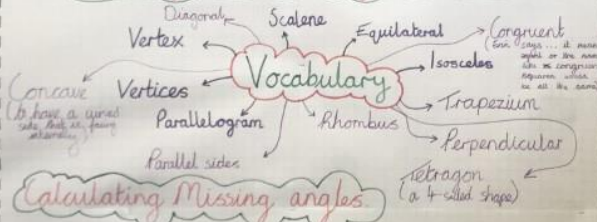
A quarter turn about a point = 45°

Vocabulary

Calculating missing angles



Triangles and quadrilaterals



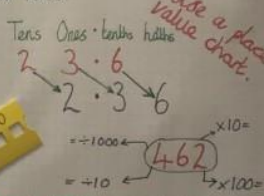
Current calculation targets

1. Addition and subtraction of fractions with different denominators.

$$\frac{3}{4} + \frac{6}{8} = \frac{3}{4} + \frac{3}{4} = \frac{6}{4} = \frac{3}{2}$$

Apply knowledge of equivalent fractions so common denominators are found.

2. Multiplying and dividing by 10, 100 and 1000.



More slides if required.

Addition

more increase by add plus count on

2 + 3 = 5

Subtraction

minus decrease by subtract less take away count back

5 - 2 = 3