

## MM4c: Partitioning

$$4.3 \times 8 = 34.4$$

$$\begin{array}{c} \text{32} \\ (4 \times 8) \end{array} + \begin{array}{c} \text{2.4} \\ (0.3 \times 8) \end{array} = 34.4$$

### Green Challenge

$$2.4 \times 5$$

$$3.1 \times 7$$

$$2.4 \times 6$$

### Red Challenge

$$2.14 \times 5$$

$$3.12 \times 7$$

$$2.14 \times 6$$

# Counting



Choose one of the above. Practise you counting! You may even want to make your own counting stick!

# 2D Shapes



2 Dimensional

Parallel

Perpendicular

Angles

Polygon

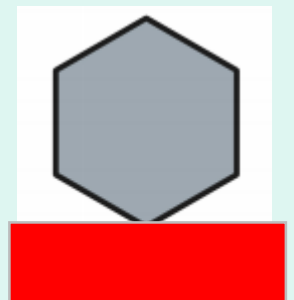
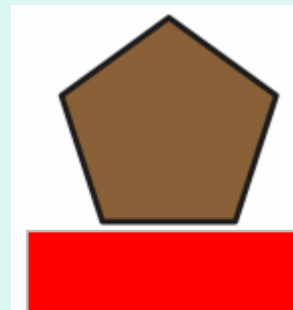
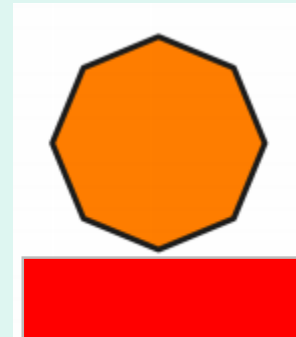
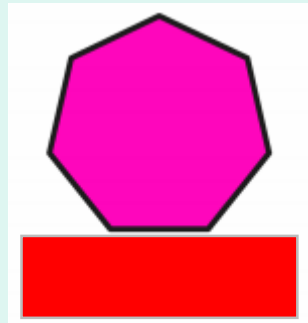
Sides

Vertices

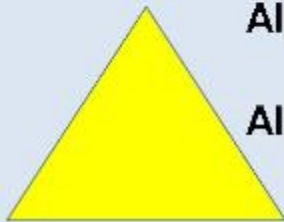
Symmetry

Regular

Irregular

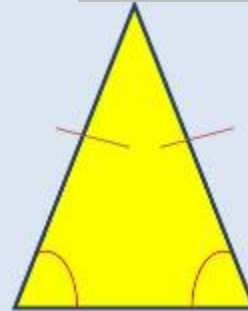


# Types of Triangles



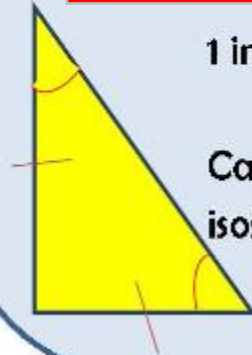
All sides the same length

All internal angles the same



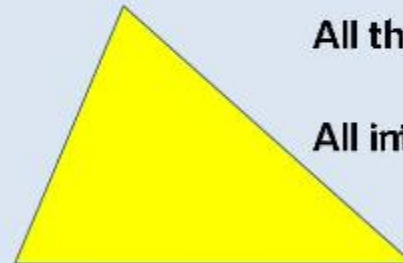
2 sides the same length

2 internal angles the same



1 internal angles that is  $90^\circ$

Can be either scalene or isosceles as well



All the different length

All internal angles different

# Types of Quadrilateral



4 right angles

4 equal sides

Opposite sides are parallel

All sides the same length

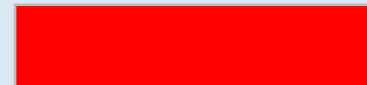


0 right angles

4 equal sides

Opposite sides are parallel

All sides the same length



0 right angles

2 sets of equal sides

No sides are parallel

2 pairs of sides the same length

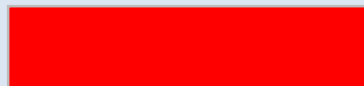


4 right angles

4 equal sides

Opposite sides are parallel

Opposite sides the same length

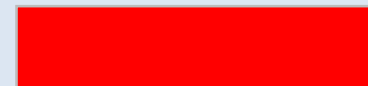


0 right angles

2 sets of equal sides

Opposite sides are parallel

Opposite sides the same length

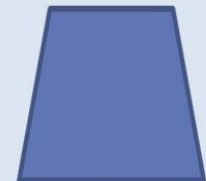


0 right angles

2 sets of equal sides

1 set of sides are parallel

sides can be any length



# What is an angle?

## **Key Vocabulary**

Interior Angles

Right Angle

Acute Angle

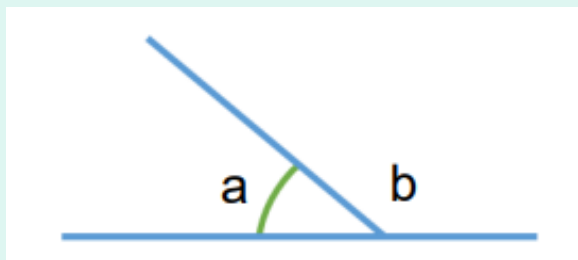
Obtuse Angle

Reflex Angle

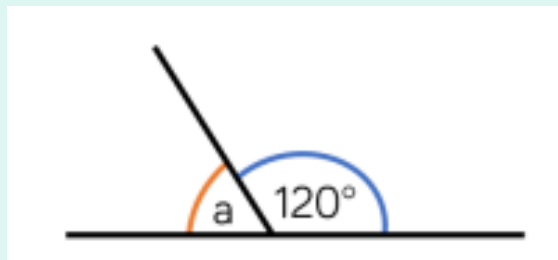
# Angles on a straight line...

Watch the following video to help you with your work today.

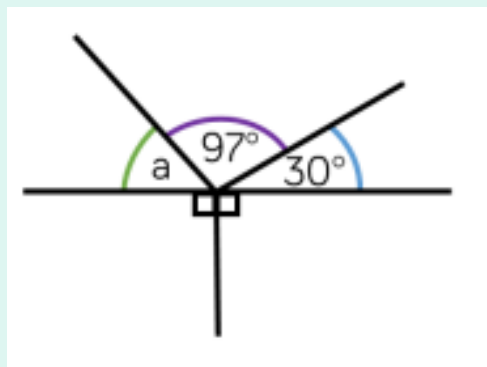
<https://www.youtube.com/watch?v=cBIJmmz8fII>



$$a + b =$$

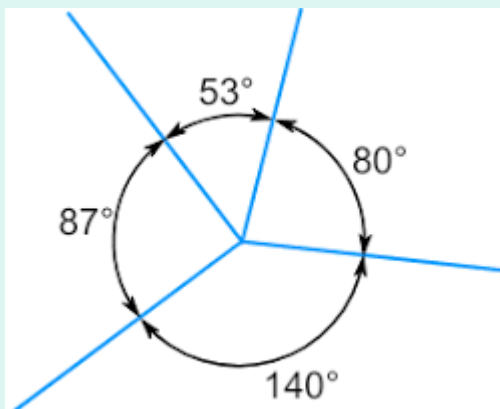


$$a =$$



$$a =$$

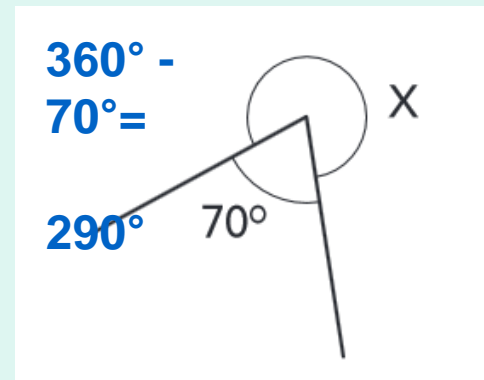
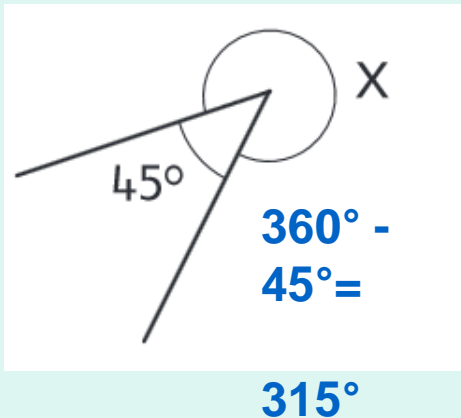




What would you expect all of these angles to add up to?

# missing angles in a full turn

- Remember:
  - Angles in a full turn add up to  $360^\circ$



# Opposite Angles...

Now watch this video to help you with your work today.

<https://www.youtube.com/watch?v=h7TYeYRM-xY>

When finding missing angles you must use the knowledge you know to find what you don't know.



Angles on a straight line =

Angles around a point =

Opposite angles =

# Your work...

Use the knowledge you've gained today as well as from yesterday to solve the problems set for today.