11/02/21
(Starter) O LO: Can I continue to round numbers to the nearest 10,100 and 1000?
(Main) O LO: Can I begin to find missing angles in triangles and continue to find them in quadrilaterals?

For guidance on the tasks below, watch the Maths video on Class 4's on Thursday.

## Starter

Nearest 10:
641
188
553
248


371


Nearest 100:
401


454 $\square$
9,709 $\square$
5,160 $\square$
1,100 $\square$

Nearest 1000:
9,552 $\square$
5,123 $\square$
51,750 $\square$
29,998 $\square$

## Main

Calculate the missing angles in each of the shapes below. You will need to know the following facts to do this:

1. Angles in a triangle add up to $180^{\circ}$.
2. Angles in a quadrilateral (four-sided shape) add up to $360^{\circ}$.
3. Angles on a straight line add up to $180^{\circ}$.
4. Angles in a full turn should add up to $360^{\circ}$.


## Extension:



Three children are measuring angles. Can you spot and explain their mistake?


Here are two angles.


Angle $b$ is a prime number between 40 and 50

Use the clue to calculate what the missing angles could be.

Jack is measuring two angles on a straight line.

My angles measure $73^{\circ}$ and $108^{\circ}$

Explain why at least one of Jack's angles must be wrong.

