KS2 Problem of the Day

Friday 16th March 2018

**1** If this is 1

3

of a shape.

**3** The diagram below shows a square and some lines.

What fraction of the shape is this?

a

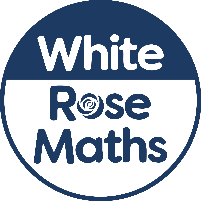
125°

Explain your reasoning.

**2** A 5 litre jug of water is shared between 6 glasses.

A 6 litre jug of water is shared between 9 mugs.

Which contains more water a glass or a mug?

What is the size of the angle marked a?