

KS2 Problem of the Day

Friday 16th March 2018

- 1 If this is $\frac{1}{3}$ of a shape.



What fraction of the shape is this?



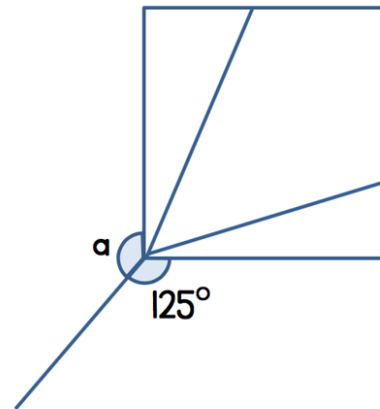
Explain your reasoning. $\frac{1}{2}$

- 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? A glass holds more water.

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



What is the size of the angle marked a ?

145°