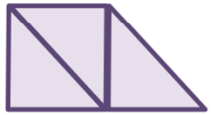
Problems of the Day

Day 50

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



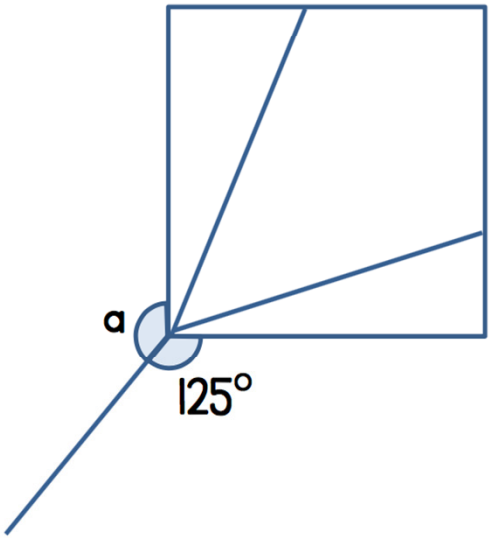
What fraction of the shape is this?



$\frac{1}{2}$

Explain your reasoning.

2 The diagram below shows a square and some lines.



145°

What is the size of the angle marked a?

3 Jill has a strip of paper.



She cuts off $\frac{1}{2}$ of the strip and throws it away.

She cuts of $\frac{1}{3}$ of the remaining strip and throws it away.

The length of the strip left is 18 cm.

What was the length if the strip at the start?

54 cm

White Rose Maths