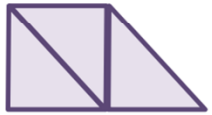
Problems of the Day

Day 50

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

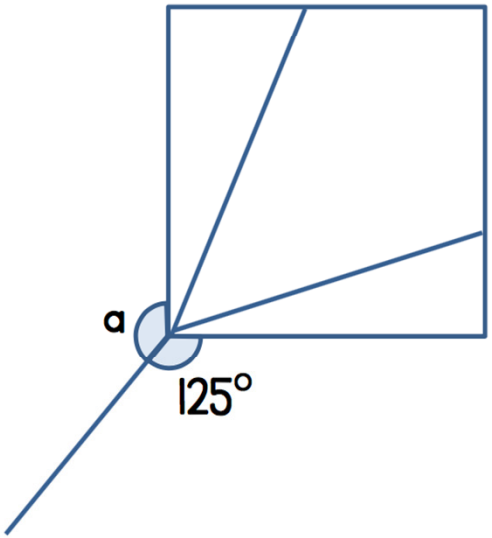


What fraction of the shape is this?



Explain your reasoning.

2 The diagram below shows a square and some lines.



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?

White Rose Maths