Answers – Bar modelling – 02/04/2020

£11.40
55 pence
3 kilograms
205 minutes or 3 hours and 25 minutes
Mrs Metcalf drives 120 miles
Mr Huseyin drives 90 miles
The total journey is 240 miles
Hexagon = 18
Triangle = 31
Fewer step word problems
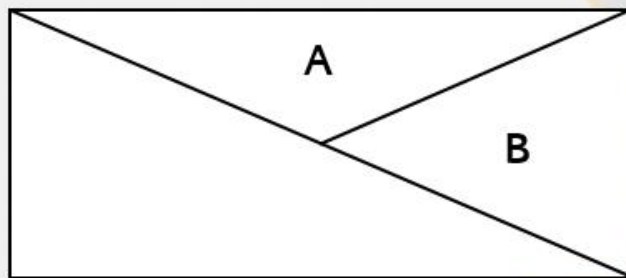1. 799 dragons were born
2. 1395 people
3. 771 houses were burnt
4. 159 dragons

Time to put your investigating hats on! You will need to copy out the shapes into your books. It doesn't matter what size you choose to make them. Then use the formaula for working out the area of a triangle – Area = (base x height) ÷ 2 – to work out if they are the same size. You must do the first one and have a go at the second if you wish.

Good luck!

Investigation 1
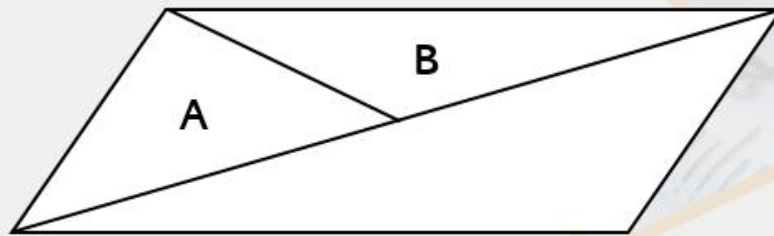

Is A the same size as B?

Prove it.

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Prove it.