

KS2 Problem Solving Questions

Wednesday 15th March 2017

1 Henry makes a 3-digit number.



My number lies between 209 and 220

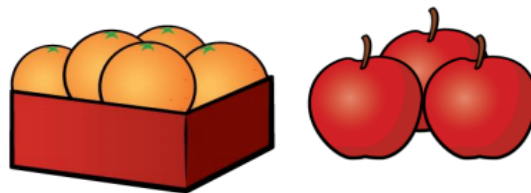


The digits sum to 9

What number did Henry make?

2 A shopkeeper sells fruit.

At the start of the week she has 150 oranges and 220 apples.



On Monday, she sells

- 10% of the oranges.
- $\frac{1}{5}$ of the apples

How many more apples than oranges are now left?

KS2 Problem Solving Questions

Wednesday 29th March 2017

1 A box contains 40 cubes.



For every one red cube there are four blue cubes.



2 red cubes are removed from the box.

Some blue cubes are also removed.

There are now 3 times as many blue as red cubes.

How many blue cubes were removed?

2 Find the area of the shaded region.

