Wed 18 Nov

BARVEMBER 2020

White Rose Maths

1 If

♥ + 5 = 12

What is

♥ + 8 = ?

2 A barrel contains 28 litres of water.



A bucket holds 5 litres of water.

Three buckets are filled from the barrel.



How much water is left in the barrel?

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White Rose Maths

3 Liam thinks of a number.

- He halves it.
- Then he halves the answer.
- Then he adds 35

Now he has double his starting number.

What number did he start with?

4 A jar is filled with rice.

- When the jar is $\frac{2}{5}$ full, the jar and rice have a total mass of 570 g.
- More rice is poured into the jar until it is completely filled.
- The mass of jar and rice is now 1.2 kg.

What is the mass of the empty jar?