Problems of the Day

Day 54

Use bar models to solve all of today's problems



1

Whitney is thinking of two numbers.
The sum of the two numbers is 78
The smaller number is 31

What is the difference between the two numbers?

The difference between the two numbers is 16

2

Caroline saves the same amount of money each month.
She saves £420 in 3 months.

How much does she save in a year?

Caroline saves £1,680 in a year.

3

Mo and Annie are each thinking of a number.
$\frac{2}{3}$ of Mo's number is equal to $\frac{2}{5}$ of Annie's number.
The difference between their numbers is 72
What is the sum of their numbers?

The sum of their numbers is 288

Go to the next page for...

THE REALLY HORRIBLE CHALLENGE QUESTION

Problems of the Day

Day 54

4 Smokey, Misty and Ian each have some buttons.

- Smokey and Misty have 59 buttons in total.
- Misty and Ian have 52 buttons in total.
- Smokey and Ian have 41 buttons in total.

How many buttons do they each have?

THE REALLY HORRIBLE CHALLENGE QUESTION



Ian has 17

Misty has 35

Smokey has 24