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?

2

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

How much does she save 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?

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THE REALLY HORRIBLE CHALLENGE QUESTION

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THE REALLY HORRIBLE CHALLENGE QUESTION



Use a bar

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?