

Ben thinks of a number less than 100.  
He divides it by 3 and then subtracts 7.  
He then divides this result by 2.  
His answer is 12.5.  
What was the number he started with?

Ben thinks of a number.  
He multiplies it by 3 and then adds 7.  
He then multiplies this result by 2.  
His answer is 104.  
What was the number he started with?

Zara thinks of a one decimal place number.  
She multiplies it by 6 and then adds 18.  
She then divides this result by 3.  
Her answer is 15.  
What was the number she started with?

Paul thinks of a two decimal place number.  
He multiplies it by 4 and then adds 7.  
He then divides this result by 2.  
His answer is 12.  
What was the number he started with?

Thomas has 100 sweets. He eats 10 before his friends arrive.  
Then he shares the rest of the sweets between the 6 of them.  
How many sweets do they each have?

Number Fact

$$21 \times 320 = 6720$$

Missing Number Problem

$$320 \times 22 = \square$$

Use the number fact to work out the missing number.