

## Task A

Ways to calculate  $45 \times 18$ :

$$90 \times \square$$

$$\square \text{ less than } 45 \times 20$$

Can you think of other ways?

## Task B: I know... so...

$$15 \times 8 = 120$$

$$17 \times 8 = \square$$

$$17 \times 7 = \square$$

$$20 \times 7 = \square$$

## Task C: I know... so...

$$20 \times 12 = 240$$

$$23 \times 12 = \square$$

$$23 \times 11 = \square$$

$$23 \times 22 = \square$$

## Task D

① I have 5 greinds and each greind wants 2 cupcakes. how much sugar will I need?

② How much more of each ingredient will I need if I want to make 100 cupcakes?

③ If butter costs 50p per 25g how much money do you need to spend on the butter for 25 cupcakes?

Cupcake recipe  
25 cupcakes  
• 200g butter  
• 250g sugar  
• 300g flour  
• 4 eggs

Bay  
year 5

## Task E

Mr Smith has 7 ties, 4 shirts and 2 trousers.  
 Mrs Smith has 1 pair of jeans, 2 skirts, 5 t-shirts  
 and 4 scarves.  
 Who has the most outfits?

Niamh  
 age: 9

## Extend

### List all the 2-digit factors of 288.

Reasoning sentence stems:

I know that  is a 2-digit factor of 288 so  must also be a factor of factor of 288.

The first 2-digit number I tried was... because...

I know I have found all the possible answers because...

### Answers

**Task A:** 90 less than  $45 \times 20$      $90 \times 9$

**Task B:** 136    119    140

**Task C:** 276    253    506

**Task D:** 1. 100g sugar    2. 600g butter, 750g sugar, 900g flour, 12 eggs    3. £4

**Task E:** Mr Smith has 56 outfits, Mrs Smith has 60 outfits

**Extend:** 96, 72, 48, 36, 32, 24, 18, 16, 12