Task A: Is this multiplication?

1. Mum and Dad are blowing up balloons. Dad starts first. They blow them up at the *same speed* as each other. When Mum has blown up 3 balloons, Dad has blown up 5 balloons. **How many balloons has Dad blown up when Mum has blown up 9 balloons?**

2. When you order a sandwich at the shop, you can use white bread, brown bread or seeded bread. You can have chicken, ham, tuna or cheese. You can have it with or without salad. **How many different types of sandwich can you order?**

3. Jason and Adam start swimming at the same time. Jason is a faster swimmer than Adam. When Jason had swam 10 lengths, Adam had swam 6 lengths. In total, Adam swam 30 lengths. **How many lengths did Jason swim?**

Task B: Combinations

Menu

Starters: soup, veggie sticks, fish cakes
Main Courses: pizza, pasta, beef pie, roast chicken, risotto
Puddings: ice cream, chocolate cake, raisin cookie, cheesecake

Question 1: How many different 3-course meals can be ordered?

Question 2: One day, there was no pizza. The restaurant added garlic bread to the menu for starters. Are there still the same number of meal combinations?

Task C: Zoolander

[Click on this link to view the task](#)

How many ways can the display be arranged? Use Act 1 to get started. Act 2 gives a clue. The answer is shown in Act 3!

Answers, Task A: 1. Not multiplication, 11 balloons.   2. Multiplication, 24 types of sandwich. 3. Multiplication, 50 lengths

Answers, Task B: 1. 60 combinations.   2. Different: 64 combinations