

*Try it!*



1. Continue these sequences:

1, 3, 5, 7, 9, \_\_, \_\_, \_\_

5, 10, 15, 20, \_\_, \_\_, \_\_

50, 60, 70, 80, \_\_, \_\_, \_\_

70, 60, 50, \_\_, \_\_, \_\_

17, 27, 37, 47, \_\_, \_\_, \_\_

27, 24, 21, 18, \_\_, \_\_, \_\_

2. Complete the sequences by writing the missing numbers:

a) 8, 10, 12, \_\_, 16, \_\_

b) 25, \_\_, 45, 55, \_\_, 75

c) \_\_, 17, 14, \_\_, 8

3. Circle the odd one out:

a) 7      9      11      14      15

b) 4      9      14      19      23

c) 27      24      21      19      15

*Apply it!*



1. Roman has £17 and then saves £5 every week. Complete the table to show how much money he saves after each week.

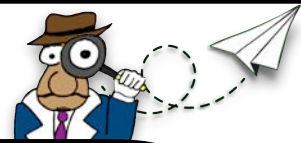
Number of weeks	Total money saved
1	£17
2	£22
3	£27
4	
5	
6	
	£47

Extension

**1a** How much money will Roman have on week 10?

**1b** How many weeks will he need to save more than £80?

*Fly with it!*



1. Look at the equations:

$$17 + 3 = 20$$

$$20 + 3 = 23$$

$$23 + 3 = 26$$

What will the next five equations be?

**2.** Luca is collecting three-sided shapes. Josh is collecting five-sided shapes. Josh says "If we add up the number of sides each time we both collect a shape, we will make a new number sequence."

- If they both collect one shape each, how many sides will that be altogether?
- How many sides will they have if they collect two shapes each
- What about seven shapes

**3.** Roman says "When I count in 3s from the number 2, I will say the number 20."

Is Roman correct? Prove it!

Make up some of your own statements like it.