

Numeric patterns

1. Complete each number pattern.

1.1 1; 2; 4; 7; 11; _____; _____; _____.

1.2 1; 6; 11; _____; _____; _____; 31

2. John counts like this:



0; 20; 40; 60; _____

2.1 Will the number 480 be part of this pattern? _____

2.2 How do you know this? _____

3. Write down the next two lines of this pattern.

$$\begin{array}{r}
 1 = 1 \\
 1 + 3 = 4 \\
 1 + 3 + 5 = 9 \\
 \underline{\quad\quad} + \underline{\quad\quad} + \underline{\quad\quad} + \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad} \\
 \underline{\quad\quad} + \underline{\quad\quad} + \underline{\quad\quad} + \underline{\quad\quad} + \underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}
 \end{array}$$

4. Martin and Liz have new sticker books. Martin will paste 4 stickers in his book every day and Liz will paste 6 stickers in her book every day. How many stickers will Martin have when Liz has 42 in her book? (Hint: to find the answer, use this table)

Day	Martin	Liz
1	4	6
2	8	12
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-

Did you know?

The word 'mathematics' comes from the Greek word *mathema*, which means learning, study, science.

