

# Linear number sequences

Mathematics

Miss Jones



## Question 1

Complete each sequence and find the term-to-term rule:

**?**

**?**

**1**

**13**

**25**

**?**

**?**

**14.5**

**12.7**

**?**

**9.1**

**?**

**?**



## Question 2

Look at this sequence:

**3251   3147   3043   2939   2835**

What is the term to term rule?

What would the tenth number be?

An integer ending in 80 cannot be part of this sequence.

Explain why.



## Challenge

This is a linear sequence. Can you work out the term-to-term rule and identify the missing numbers?

**13**

**?**

**?**

**28**

