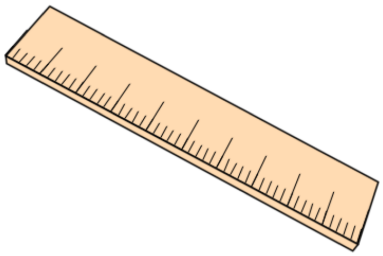
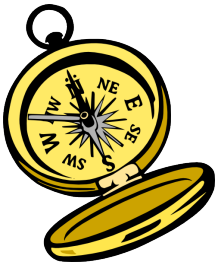
Primary Practice Questions

Corbettmaths



Sequences



Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

Recap

Remember

- There are daily questions found at
  www.corbettmathsprimary.com/5-a-day/

1. The numbers in this sequence increase by the same amount each time

Write the two missing numbers

---

2. The numbers in this sequence increase by the same amount each time

Write the missing numbers

3. The numbers in this sequence decrease by the same amount each time

Write the next two numbers

70 63 56 49 ☐ ☐

---

4. The numbers in this sequence increase by 13 each time

Write in the two missing numbers

☐ 101 114 127 140 ☐

5. The numbers in this sequence **decrease** by the same amount each time

407,321 405,321 403,321 401,321 …

What is the next number in the sequence?

6. Here is part of a number sequence.

The numbers increase by the same amount each time.

... 350 400 450 500 ...

Circle **all** of the numbers below that would appear in the sequence.

740 900 905 950 1000

7. The numbers in this sequence increase by 10 each time.

6 16 26 ...

The sequence continues in the same way.

Write **two** numbers from the sequence that add to make **102**

[ ] and [ ]

8. The numbers in this sequence increase by 25 each time.

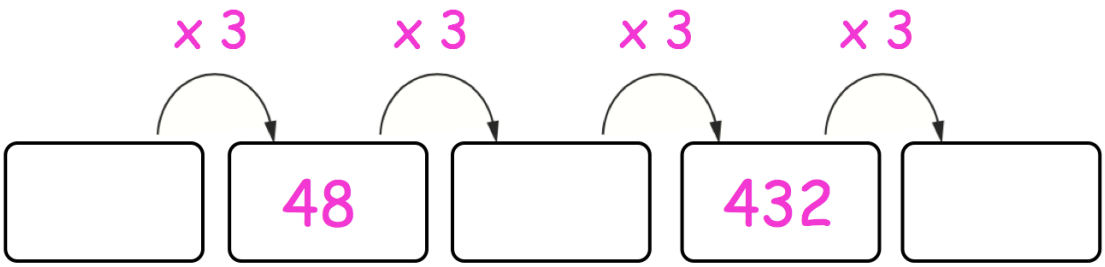
10 35 60 85 …

The sequence continues in the same way.

Which number in the sequence will be **closest to 350?**

9. Here is a sequence

Write the missing numbers



10. Louis makes a sequence of numbers.

His rule is **"find half the last number and then add 20."**

Find the next two numbers in his sequence

56 48 44 ☐ ☐

11. The first two numbers in this sequence are 3.4 and 2.7

The sequence then follows the rule

'to find the next number, add the two previous numbers'

Write in the next two numbers in the sequence

3.4 2.7 6.1 8.8 ☐ ☐

12. The numbers in this sequence increase by the same amount each time.

Write in the missing numbers

13. Polly makes a sequence of numbers starting with 500.

She subtracts 145 each time.

Write in the next two numbers in the sequence

500 355 210 65 ☐ ☐

14. The numbers in this sequence increase by 4 each time.

4 8 12 16 …

The numbers in this sequence increase by 7 each time.

7 14 21 28 …

Both sequences continue

Write a number **greater than 100** which will be in **both** sequences

15. The numbers in this sequence increase by 9 each time.

1 10 19 28 37 ...

The sequence continues in the same way.

Will 900 be in the sequence? Explain why

Yes / No

.....

.....

16. A sequence of numbers starts at 15 and follows the rule

"**treble the last number and add 4**"

15 49 151 457 ...

The number 4129 is in the sequence

Calculate the number which comes immediately **before** 4129 in the sequence