

Number Patterns

Amazing Fact

$$111,111,111 \times 111,111,111 = 12,345,678,987,654,321$$

Both of these numbers read the same backwards as they do forwards!

Challenge

Work out the missing numbers in these patterns.

1. 19, 18, _____, 16, 15, _____, _____

2. 2, 4, _____, _____, 10, 12, _____

3. 10, _____, 30, _____, 50, _____, 70

4. _____, 29, 28, _____, 26, _____, 24

5. 88, 89, _____, _____, _____, 93

6. 15, _____, 25, 30, _____, _____



1 2 3 4 5 6 7 8 9 10

You could also try to find out:

- how many even numbers there are between 0 and 20;
- how many fives would add together to make 30;
- how many different ways you can make 20.

Number Patterns **Answers**

1. 19, 18, **17**, 16, 15, **14**, **13**
2. 2, 4, **6**, **8**, 10, 12, **14**
3. 10, **20**, 30, **40**, 50, **60**, 70
4. **30**, 29, 28, **27**, 26, **25**, 24
5. 88, 89, **90**, **91**, **92**, 93
6. 15, **20**, 25, 30, **35**, **40**