# Royal Navy – Number Series practice test answers

1) The sequence 11, 9, 7, 5, 3... follows the pattern of subtraction of 2 each time. Hence the answer is 3 - 2 = 1.

A = 1

2) The sequence 5, 20, 35, 60, 75, 90... follows the pattern of the addition of 15 each time. Hence the answer is 90 + 15 = 105.

E = 105

3) The sequence 4, 8, 16, 32, 64... follows the pattern of multiplication by 2 each time. Hence the answer is 64 x 2 = 128.

C = 128

4) The sequence 3, 6, 9, 12, 15... follows the pattern of the addition of 3 each time. Hence the answer is 15 + 3 = 18.

C = 18

5) The sequence 5, 10, 15, 20, 25... follows the pattern of the addition of 5 each time. Hence the answer is 25 + 5 = 30.

E = 30

6) The sequence 90, 77, 64, 51, 38... follows the pattern of the subtraction of 13 each time. Hence the answer is 38 – 13 = 25.

A = 25

7) The sequence 21, 36, 51, 66, 81... follows the pattern of the addition of 15 each time. Hence the answer is 81 + 15 = 96.

D = 96

8) The sequence 83, 71, 59, 47, 35... follows the pattern of the subtraction of 12 each time. Hence the answer is 35 – 12 = 23.

C = 23

9) The sequence of numbers 5, 10, 17, 26, 37 follows the pattern of the addition of 5, then the addition of (5 + 2 = 7), then the addition of (7 = 2 =9), and so on. Hence the answer is the next number in the series to add to 37 i.e. 37 + the addition of (11 + 2 = 13) = 37 + 13 = 50.

E = 50

10) The sequence of numbers 2, 7, 4, 8, 6, 9... follows the pattern of two number series. The first number series, starting with the first number 2, is the addition of 2 each time (2 + 2 = 4; 4 + 2 = 6 and so on). The second number series, starting with the second number 7, is the addition of 1 each time (7 +1 = 8; 7 + 1 =9 and so on). Hence the answer – as part of the first series – is 6 + 2 = 8.

B = 8