

Number sequences

Complete the number sequences by filling in the spaces below. State whether the sequences are ascending or descending order.

Ascending or descending?

1. -16, -9, -2, _____, _____, _____, _____, _____
2. 20, 31, 42, _____, _____, _____, _____, _____
3. 133, 130, 127, _____, _____, _____, _____, _____
4. 11, 17, 23, _____, _____, _____, _____, _____
5. 9, 0, -9, _____, _____, _____, _____, _____
6. 26, 16, 6, _____, _____, _____, _____, _____
7. -5, 0, 5, _____, _____, _____, _____, _____
8. 2.5, 3.0, 3.5, _____, _____, _____, _____, _____

Now have a go at these more tricky sequences!

9. 2, 4, 8, 16, _____, _____, _____, _____
10. 6, 18, 54, 162, _____, _____, _____, _____

Think very carefully now. Can you write down the short hand rule for each of the above sequences? The first one has been done for you.

1. $NN = LN + 7$
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Number sequences

Complete the number sequences by filling in the spaces below. State whether they are ascending or descending order.

								Ascending or descending?
1.	13,	25,	37,	____,	____,	____,	____,	_____
2.	20,	31,	42,	____,	____,	____,	____,	_____
3.	26,	23,	20,	____,	____,	____,	____,	_____
4.	11,	17,	23,	____,	____,	____,	____,	_____
5.	-16,	-9,	-2,	____,	____,	____,	____,	_____
6.	133,	130,	127,	____,	____,	____,	____,	_____
7.	-25,	-20,	-15,	____,	____,	____,	____,	_____
8.	9,	0,	-9,	____,	____,	____,	____,	_____
9.	91,	102,	113,	____,	____,	____,	____,	_____
10.	97,	64,	31,	____,	____,	____,	____,	_____

Think very carefully now. Can you write down the short hand rule for each of the above sequences? The first one has been done for you.

- | | |
|-------------------------------------|-----------|
| 1. <u>$NN = LN + 12$</u> | 2. _____ |
| 3. _____ | 4. _____ |
| 5. _____ | 6. _____ |
| 7. _____ | 8. _____ |
| 9. _____ | 10. _____ |

Number sequences

Complete the number sequences by filling in the spaces below.

1. 3, 5, 7, _____, _____, _____, _____,

2. 20, 30, 40, _____, _____, _____, _____,

3. 16, 14, 12, _____, _____, _____, _____,

4. 1, 7, 13, _____, _____, _____, _____,

5. 6, 9, 12, _____, _____, _____, _____,

6. 33, 30, 27, _____, _____, _____, _____,

7. 25, 20, 15, _____, _____, _____, _____,

8. 9, 15, 21, _____, _____, _____, _____,

9. 91, 102, 113, _____, _____, _____, _____,

10. 84, 63, 42, _____, _____, _____, _____,

Think very carefully now. Can you write down the short hand rule for each of the above sequences? The first one has been done for you.

1. $NN = LN + 2$

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____