Number sequences

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

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.   <u>NN = LN + 7</u>   2.   _____

3.   _____   4.   _____

5.   _____   6.   _____

7.   _____   8.   _____

9.   _____   10. _____

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

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. _____

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.   <u>NN = LN + 2</u>   2.   _____

3.   _____   4.   _____

5.   _____   6.   _____

7.   _____   8.   _____

9.   _____   10. _____