

Find the **Common Difference**, Write a **Recursive Formula**, and **using the Formula** to find the **next two terms** in the sequence.

1) Sequence: $-10, -16, -22, -28$	2) Sequence: <table border="1" data-bbox="878 394 1419 485"><tr><td>21</td><td>22</td><td>23</td><td>24</td></tr><tr><td>-11</td><td>-5</td><td>1</td><td>7</td></tr></table>	21	22	23	24	-11	-5	1	7
21	22	23	24						
-11	-5	1	7						

Find the **100th term** in the sequence.

3) Sequence: $4, 12, 20, 28$	4) Sequence: <table border="1" data-bbox="878 764 1419 854"><tr><td>15</td><td>16</td><td>17</td><td>18</td></tr><tr><td>24</td><td>31</td><td>38</td><td>45</td></tr></table>	15	16	17	18	24	31	38	45
15	16	17	18						
24	31	38	45						

5) Explain how you would find the 100th term for any given sequence. What is your method? Explain it so that other students could use your method.