WARM UP

For the following sequence...

- a) determine the common difference
- b) write the next three terms of the sequence
- c) find the 25th term.

Notes Discussion

3, -10, -23, -34, ... -114 = 3 + (n-1) + (n-1)and the siven stretch location control -114 + (3) + (3) + (3) -114 = 146 - 13 -16 = 160 = -13

Can n be a decimate, and of the whole the whole the

Clear Learning Targets

You will be able to create functions based on arithmetic sequences and use them to solve related problems.

Arithmetic Seguences as Functions What if we wanted to create a rule that would allow us to find the nth term of our arithmetic sequence, without having to plug in *all* the numbers every single time?

We can use functions to accomplish this!

