

### Questions 1 - Write the first 5 terms for each sequence

- a) Start at 1 and add 5
- b) Start at 30 and subtract 4
- c) Start at 11 and add 9
- d) Start at 39 and subtract 3
- e) Start at 77 and subtract 11
- f) Start at 13 and add 6
- g) Start at 44 and add 12

### Question 2 - Describe the rule for the following sequences and give the next 2 terms

For example - If I have this sequence 2, 4, 6, 8... I can describe the rule as **Add 2** and the next 2 terms are 10, 12.

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|---------------|------|
| a) 56, 48, 40 | Rule |
| b) 14, 19, 24 | Rule |
| c) 97, 94, 91 | Rule |
| d) 10, 5, 0   | Rule |
| e) 29, 40, 51 | Rule |

### Question 3- Use the rule to write the next 2 terms for each sequence

- a) Rule - Half the number then add 1  
10, 6, 4
- b) Rule - Double the number then subtract 2  
6, 10, 18
- c) Rule - Multiply the last number by 3 and then add 5  
5, 20, 65

