I can count on and back in regular steps and complete number sequences.

To find the rule that links the numbers look at the gaps.

Examples

2 4 6 8 10 The rule is *add 2*.

20 16 12 8 4 The rule is *subtract 4*.

A

Copy and complete.

1. 16 18 20 22 ☐ ☐
2. 9 12 15 18 ☐ ☐
3. 12 16 20 24 ☐ ☐
4. 5 10 15 20 ☐ ☐
5. 29 31 33 35 ☐ ☐
6. 22 18 14 10 ☐ ☐
7. 17 22 27 32 ☐ ☐
8. 4 7 10 13 ☐ ☐
9. 0 10 20 30 40 50 60
   Look at the above sequence.
   a) What is the pattern of the units?
   b) What is the pattern of the 10s digit?
10. Count on in 10s from 7. What patterns can you find:
    a) in the units
    b) in the tens?
11. Investigate counting on in 10s from two-digit numbers.

B

Copy the sequences and write the next three numbers.

1. 17 19 21 23
2. 30 34 38 42
3. 9 14 19 24
4. 937 837 737 637
5. 51 49 47 45
6. 16 26 36 46
7. 63 66 69 72
8. 84 74 64 54
9. 0 5 10 15 20 25
   Look at the above sequence.
   a) What is the pattern of the units?
   b) What is the pattern of the 10s?
10. Count on in 5s from other one-digit and two-digit numbers. What patterns can you find?

C

Write the first six numbers in each sequence.

	Start at	Rule
1	19	+3
2	180	−20
3	12	+6
4	72	−9
5	40	+8
6	86	−11
7	20	+30
8	70	−7

9. Count on in 2s from any even number, including two-digit and three-digit numbers. What patterns can you find?
10. Count on in 2s from any odd number. What patterns can you find?
11. Investigate counting on in single-digit steps from different numbers. What patterns can you find?