

Y7 – Autumn – Block 1 – Step 8 – Find missing terms Answers

Question	Answer
1	Dora's correct as the sequence goes up by 9 each time
2	a) Sequence A: 100, 92, 84, 76, 68, 60 Sequence B: 18, 35, 52, 69, 86, 103 b) Sequence A: 28 Sequence B: 171
3	a) 1 b) 7 th term
4	a) 4, 16, 28 b) 4, 10, 16 c) 4, 8, 12, 16 d) 4, 7, 10, 13, 16 e) 97, 92, 87, 82, 77 f) 4000, 4300, 4600, 4900, 5200, 5500
5	a) 1, 10, 100, 1000, 10000 b) 500, 100, 20, 4
6	a) 7 b) 10 th c) 20 th
7	41
8	a) 24, 80, 136, 192, 248 b) 24, 48, 96, 192, 384 Many different sequences can be created, for example: 24, 192, 24, 192, 24
9	a) Many possible answers: 2, 10, 18, 25 2, 6, 10, 14 2, 3, 4, 5, 6, 7, 8 b) 100, 5, 100, 5 100, 95, 90, 85, 80, 75, 70, 65, 60, 55, 50, 45, 40, 35, 30, 25, 20, 15, 10, 5 100, 5, 0.25, 0.0125 c) Compare answers with a partner.