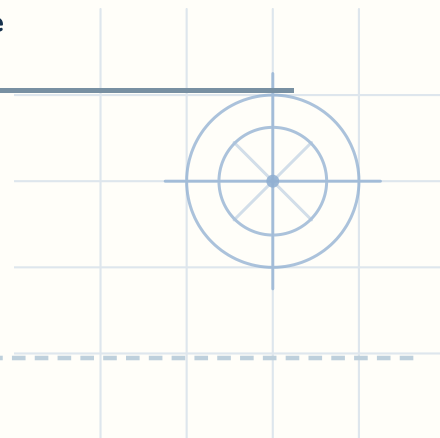


Name: _____

Date: _____

Find the term shown for each sequence.



1 3, 2, 1, 0, ... the 23rd term = _____

2 10, 12, 14, 16, ... the 12th term = _____

3 11, 12, 13, 14, ... the 12th term = _____

4 5, -3, -11, -19, ... the 12th term = _____

5 -6, -9, -12, -15, ... the 23rd term = _____

6 -6, -5, -4, -3, ... the 20th term = _____

7 1, 8, 15, 22, ... the 12th term = _____

8 2, 0, -2, -4, ... the 11th term = _____



Arithmetic and geometric sequences · The nth term of an arithmetic sequence — Answer key

1. 3, 2, 1, 0, ... the 23rd term = -19

2. 10, 12, 14, 16, ... the 12th term = 32

3. 11, 12, 13, 14, ... the 12th term = 22

4. 5, -3, -11, -19, ... the 12th term = -83

5. -6, -9, -12, -15, ... the 23rd term = -72

6. -6, -5, -4, -3, ... the 20th term = 13

7. 1, 8, 15, 22, ... the 12th term = 78

8. 2, 0, -2, -4, ... the 11th term = -18