**Generating Sequences**

For each of the sequences given, decide whether it is special, arithmetic, quadratic or geometric, then write down the next two terms.

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(b)

(c)

(d)

(e)

(f)

(g)

(h)

Generate the first four terms of the sequences with nth terms:

(a) (b)

(c) (d)

(e) (f)

(g) (h)

Generate the 6th and 20th terms of the sequences with nth terms:

(a) (b)

(c) (d)

(e) (f)

(g) (h)

(a) Find the first term in the sequence with nth term that is greater than 250.

(b) Find the first term in the sequence with nth term that is a negative number.

(c) Find the only number that is in both the sequences with nth term rules and .

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