Using the nth Term

(a) The first four terms of a sequence are $3, 7, 11, 15, \ldots$ Is 50 in the sequence? Explain your answer.

(b) The first four terms of a sequence are $-4, -2, 0, 2, \ldots$ Is 33 in the sequence? Explain your answer.

(c) The first four terms of a sequence are $1, 6, 11, 16, \ldots$ Is 41 in the sequence? Explain your answer.

(a) The first four terms of a sequence are $6, 9, 12, 15, \ldots$ Is 39 in the sequence? Explain your answer.

(b) The first four terms of a sequence are $7, 10, 13, 16, \ldots$ Is 67 in the sequence? Explain your answer.

(c) The first four terms of a sequence are $5, 8, 11, 14, \ldots$ Is 40 in the sequence? Explain your answer.

(a) The nth term of a sequence is $3n - 2$. Is 95 a term of the sequence? Explain your answer.

(b) The nth term of a sequence is $5n + 3$. Is 118 a term of the sequence? Explain your answer.

(c) The first four terms of a sequence are $7, 11, 15, 19, \ldots$ Is 97 in the sequence? Explain your answer.

(d) The first four terms of a sequence are $-2, 5, 12, 19, ..$ Is 110 in the sequence? Explain your answer.

(a) How many terms in the sequence $5, 9, 13, 17, \ldots$ are less than 200?

(b) Find two numbers that are in the sequence $7, 12, 17, 22, \ldots$ and also in the sequence $-4, 2, 8, 14, \ldots$

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