

1. The speech bubbles show an arithmetic sequence.

3

7

11

15

19

Abiola says the term to term rule is + 4

Is he correct?

You must give a reason for your answer.

.....

2. The speech bubbles show an arithmetic sequence.

5

7

9

11

13

Sadie says the term to term rule is + 1

Is she correct?

You must give a reason for your answer.

.....

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sequence Arithmetic (3) Q1: yes because e.g.  $3 + 4 = 7$  and e.g.  $7 + 4 = 11$ ,

Q2: no because e.g.  $5 + 1 = 6$  Q3: no because e.g.  $8 + 4 = 12$

Q4: yes because e.g.  $4 + 3 = 7$  and e.g.  $7 + 4 = 11$

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23

28

Sowande says the term to term rule is  $+ 4$

Is he correct?

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4. The speech bubbles show an arithmetic sequence.

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13

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Neema says the term to term rule is  $+ 3$

Is she correct?

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