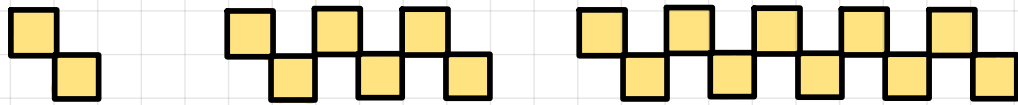


DESCRIBE AND CONTINUE SEQUENCES

1, 3, 5, 7...

What are the next two terms in the sequence?

How is each term in the sequence different from the previous term?

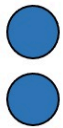


What are the next two terms in the sequence?

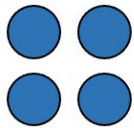
How is each term in the sequence different from the previous term?

example

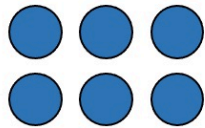
1st term



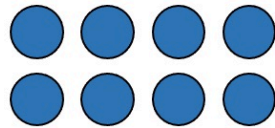
2nd term



3rd term

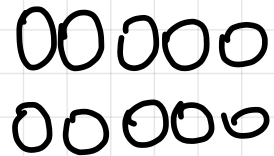


4th term

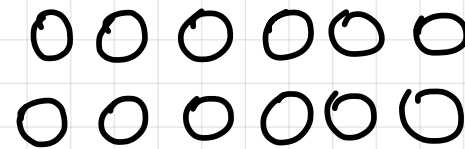


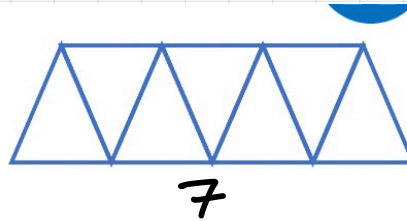
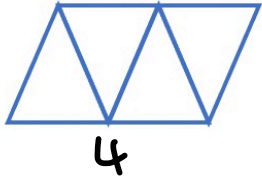
Add

5th



6th

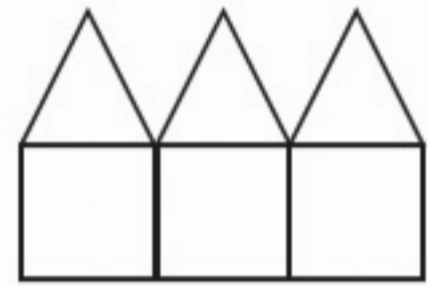
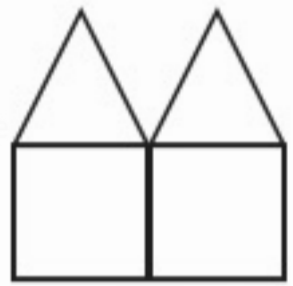




Draw the next two terms in the sequence.

1

3

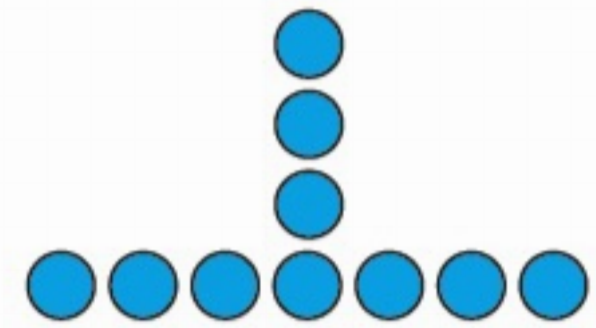
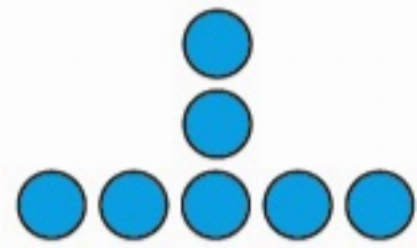
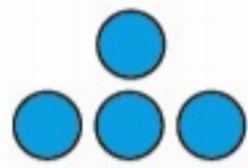


2

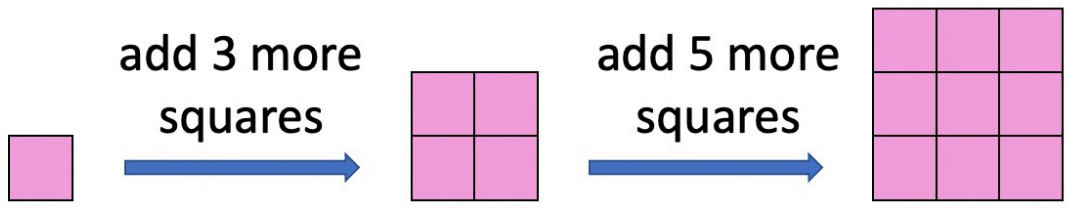


- a) Describe what is happening in the sequence.
- b) Draw the next two terms in the sequence.

4



- a) Describe what is happening in the sequence.
- b) Draw the next two terms in the sequence.

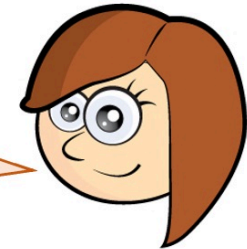




Whitney

I think there will be 3 circles in the next term.

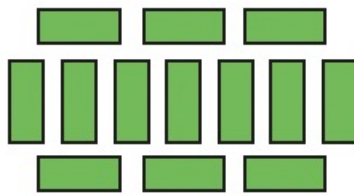
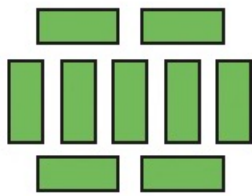
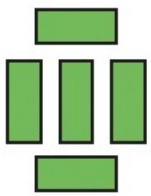
I think there will be 4 circles in the next term.



Rosie

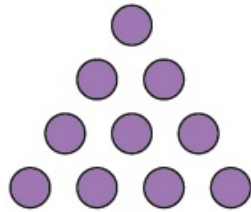
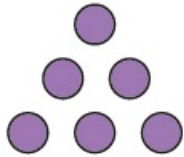
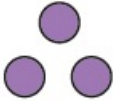
Who do you agree with? Explain why.

5



- Describe what is happening in the sequence.
- Draw the next two terms in the sequence.

6



- Describe what is happening in the sequence.
- Draw the next two terms in the sequence.

7

How could this sequence continue?



Talk about it with a partner. Are your answers the same?

8

Amir is looking at a sequence.

Draw the sequence.

Compare your answer with a partner. Are your sequences the same?

What extra information could Amir have given to help you?



The number of circles doubles each time.

9

Design your own decreasing sequence starting with 12 blocks.

How many terms will your sequence have?