Relationships

The first slide is a template for how students could set out their page.

There are then 6 slides with questions on.

The final slide shows all 6 separate questions; pupils must complete all 6 boxes for each of the 6 questions.

Algebraic rule for n^{th} term

$y =$

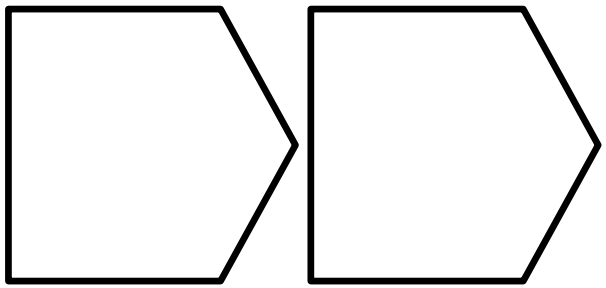
Sequence

___, ___, ___, ___, ___ …

Table of Coordinates

x	y
0	
1	
2	
3	
4	
5	

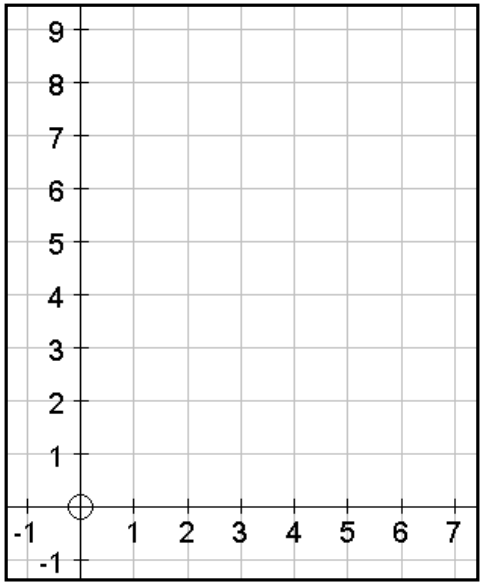
Number Machines



Written Sentence

To get y…

Graph



Algebraic rule for n^{th} term

Question 1:

$$y = 2x + 3$$

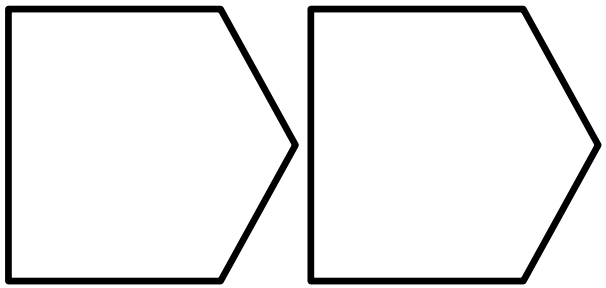
Sequence

___, ___, ___, ___, ___ …

Table of Coordinates

x	y
0	
1	
2	
3	
4	
5	

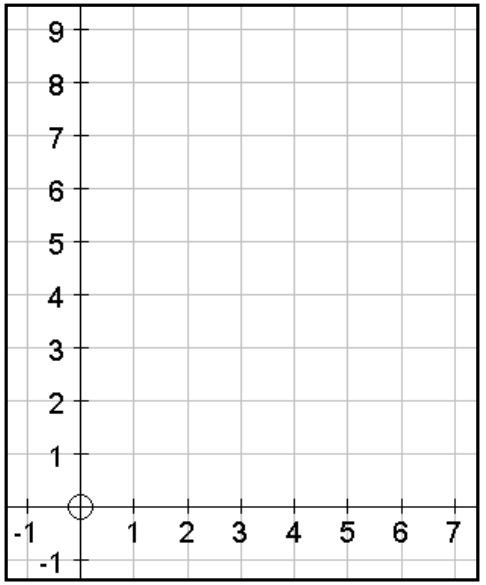
Number Machines



Written Sentence

To get y…

Graph



Algebraic rule for n^{th} term

$y =$

Sequence

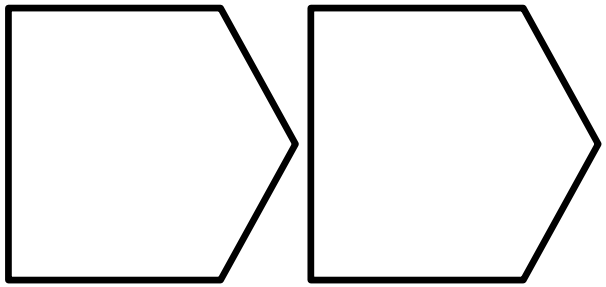
Question 2:

5,9,13,17,21...

Table of Coordinates

x	y
0	
1	
2	
3	
4	
5	

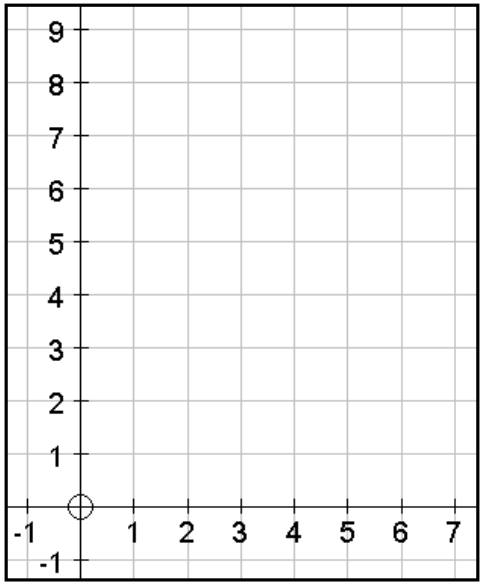
Number Machines



Written Sentence

To get y...

Graph



Algebraic rule for n^{th} term

$y =$

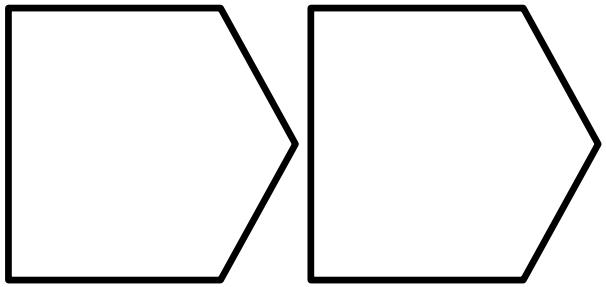
Sequence

___, ___, ___, ___, ___ …

Table of Coordinates

Question 3:	y
	1
1	4
2	7
3	10
4	13
5	16

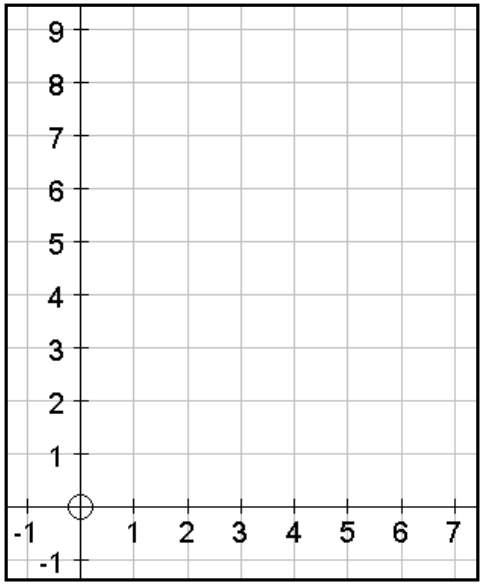
Number Machines



Written Sentence

To get y…

Graph



Algebraic rule for n^{th} term

$y =$

Sequence

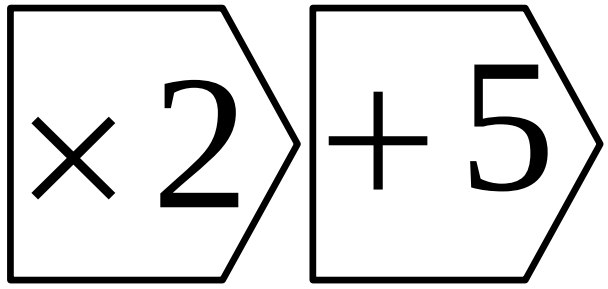
___, ___, ___, ___, ___ …

Table of Coordinates

x	y
0	
1	
2	
3	
4	
5	

Number Machines

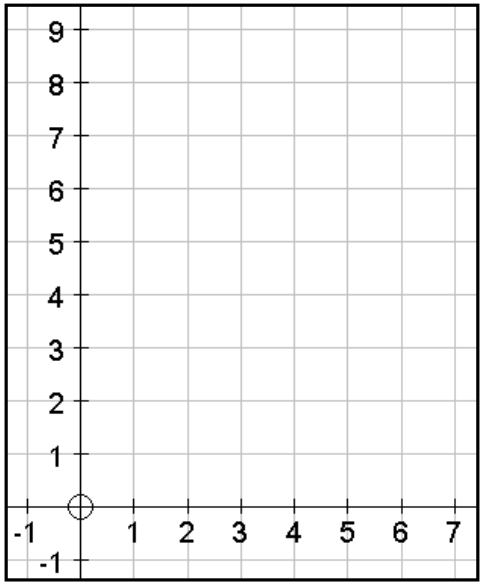
Question 4:



Written Sentence

To get y…

Graph



Algebraic rule for n^{th} term

$y =$

Sequence

___, ___, ___, ___, ___ …

Table of Coordinates

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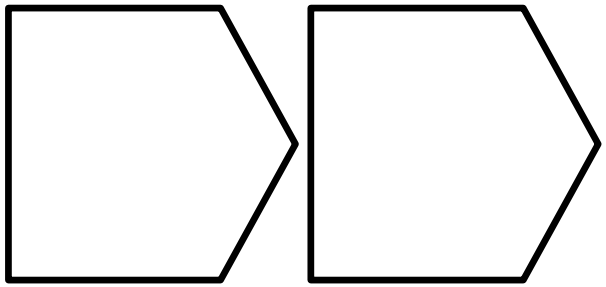
Number Machines

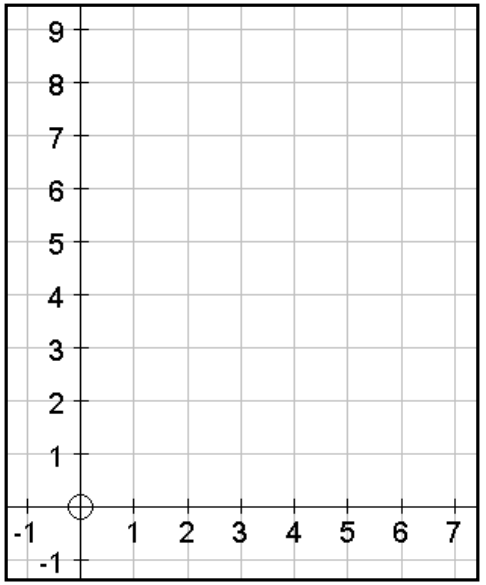


Written Sentence

Question 5:

To get y multiply the x value by 6 and subtract 4

Graph



Algebraic rule for n^{th} term

$y =$

Sequence

___, ___, ___, ___, ___ …

Table of Coordinates

x	y
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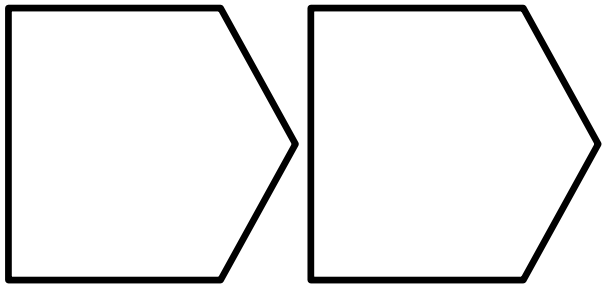
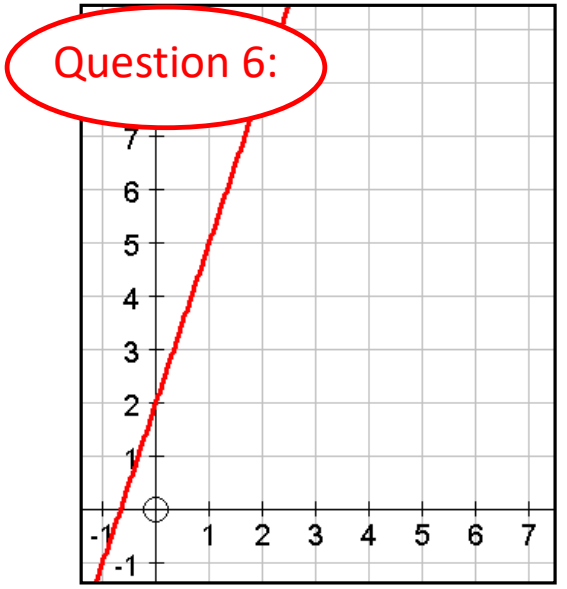
Number Machines



Written Sentence

To get y…

Graph



Algebraic rule for n^{th} term

Question 1:

$$y = 2x + 3$$

Sequence

Question 2:

5,9,13,17,21...

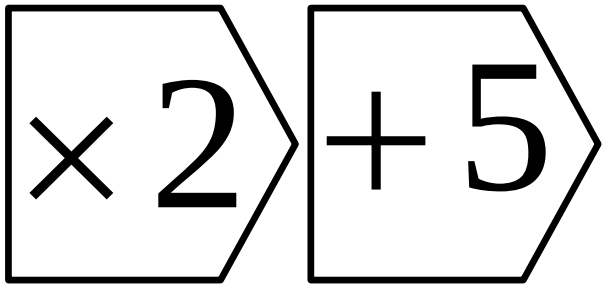
Table of Coordinates

Question 3:

x	y
1	4
2	7
3	10
4	13
5	16

Number Machines

Question 4:



Written Sentence

Question 5:

To get y multiply the x value by 6 and subtract 4

Graph

Question 6: