

Mathematics

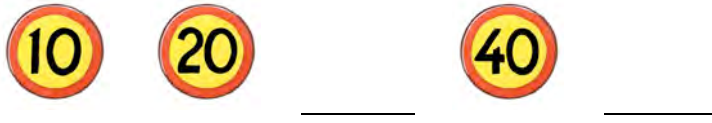
Part B

Årskurs

3

The pupil's name and class/group

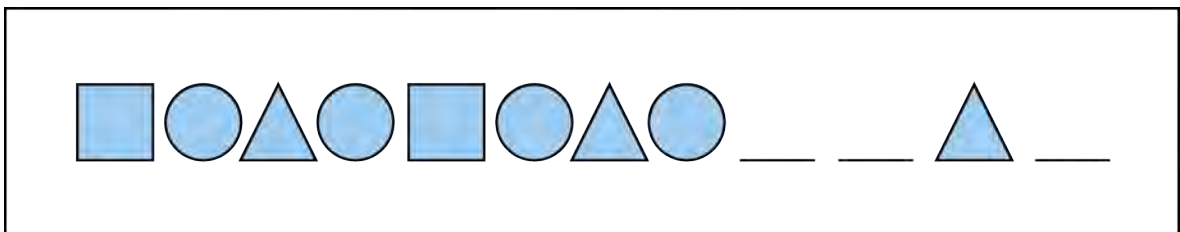
1. a) Complete the sequence.



b) Complete the sequence.



2. The objects in the box follow a pattern. Draw the three objects that are missing.



3. a) Nova describes what is happening in some of the sequences.
Draw a line between each description and the corresponding sequence.
There will be one description left.

The terms in this sequence increase by three.

2	5	8	11	14	17
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The terms in this sequence increase by two.

1	2	4	8	16	32
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The terms in this sequence double.

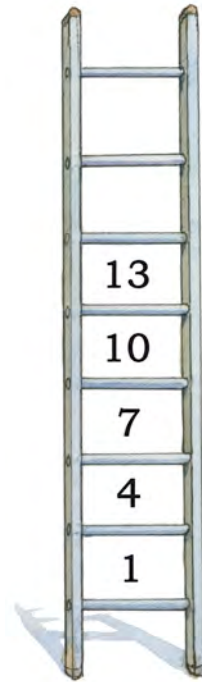
17	15	13	11	9	7
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The terms in this sequence decrease by two.

- b) Create a sequence that fits the description that is left over.

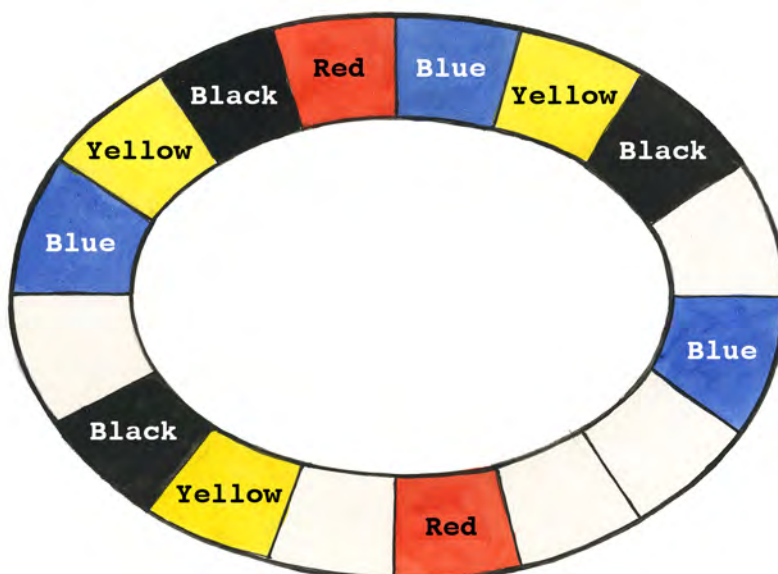
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4. a) The terms are arranged in a sequence.
Continue the sequence.



- b) What is happening in this sequence? Describe.



5. Look at this pattern. The colours have disappeared from the *white* boxes. Fill in the colours that are missing from the boxes.





6. a) Nova and Joar are putting steering wheels and tyres into a pattern. Repeat their pattern.



- b) Nova creates a table. The table shows the repetition of the pattern. Complete the table.

Total number of repetitions		
1	1 steering wheel	2 tyres
2		4 tyres
3	3 steering wheel	
4	4 steering wheel	8 tyres

- c) How many steering wheels and tyres will there be in repetitions 5 and 6? Complete the table.

Total number of repetitions		
5		
6		

