

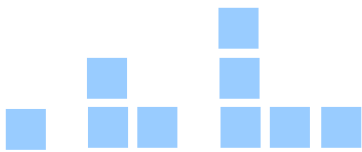


# Printable assessments CAMI Mathematics: Grade 6

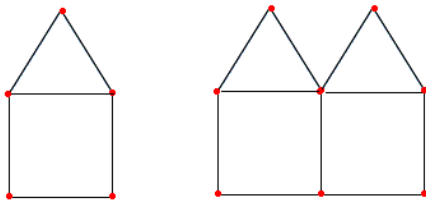
## Geometric patterns

1. Draw the next pattern in the sequence.

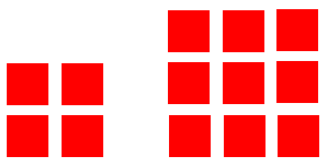
(a)



(b)

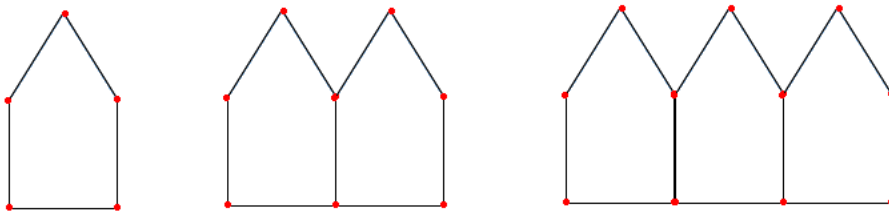


(c)



2. Complete the table by using the given patterns.

(a)

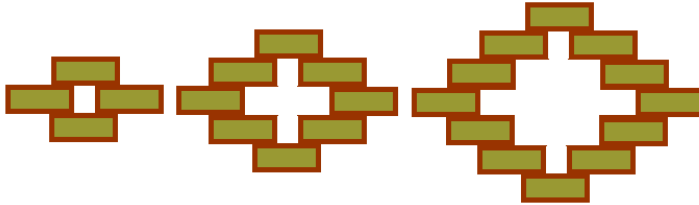


Picture	1	2	3	4	5
Number of matches					



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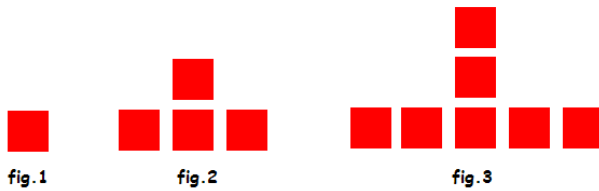
(b)



Picture	1	2	3	4	5
Number of bricks					

3. Create a rule for the given pattern.

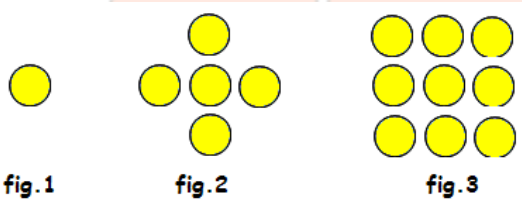
3.1



(a) Constant difference = .....

(b) Figure number  $\rightarrow$   $\square \rightarrow \square \rightarrow$  number of blocks

3.2



(a) Complete the table.

Picture	1	2	3	4	5
Number of circles					

(c) Create the rule for the pattern.

Figure number  $\rightarrow$   $\square \rightarrow \square \rightarrow$  number of circles



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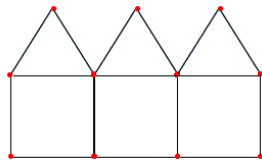
## MEMO

### 1. Geometric patterns. [new exercise]

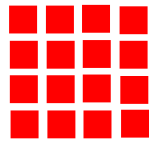
(a)



(b)



(c)



2.

(a)

Picture	1	2	3	4	5
Number of matches	5	9	13	17	21

(b)

Picture	1	2	3	4	5
Number of bricks	4	8	12	16	20



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3.

- 3.1 (a) Constant difference = **3**  
(b) Figure number  $\rightarrow \times 3 \rightarrow - 2 \rightarrow$  number of blocks

3.2

- (a) Complete the table.

Picture	1	2	3	4	5
Number of bricks	<b>1</b>	<b>5</b>	<b>9</b>	<b>13</b>	<b>17</b>

- (c) Create the rule for the pattern.  
Figure number  $\rightarrow \times 4 \rightarrow - 3 \rightarrow$  number of circles

