



Printable assessments
CAMI Mathematics: Grade 6

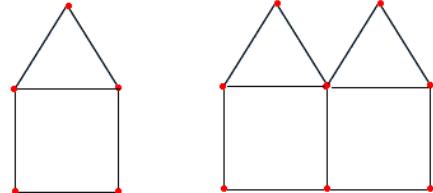
Geometric patterns

1. Draw the next pattern in the sequence.

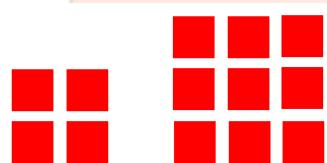
(a)



(b)

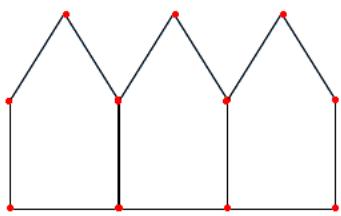
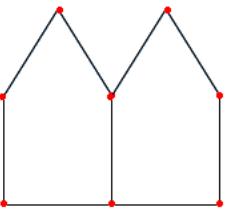
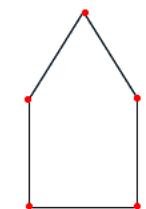


(c)



2. Complete the table by using the given patterns.

(a)

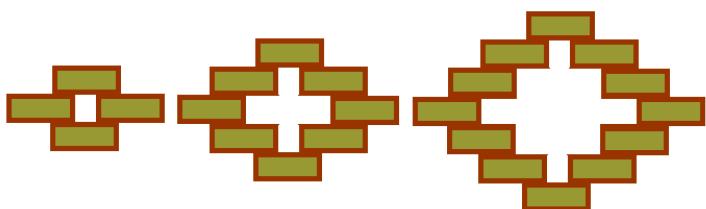


Picture	1	2	3	4	5
Number of matches					



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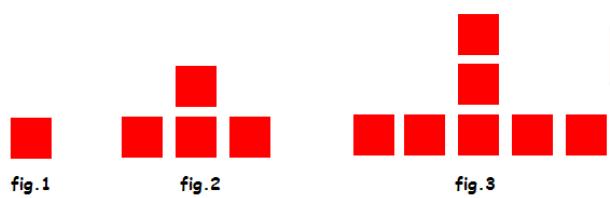
(b)



Picture	1	2	3	4	5
Number of bricks					

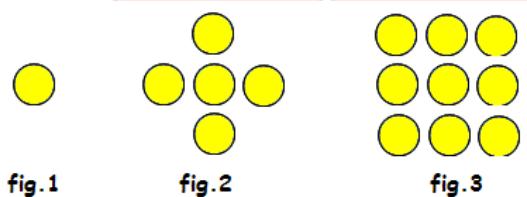
3. Create a rule for the given pattern.

3.1



(a) Constant difference =
(b) Figure number → □ → □ → 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 → □ → □ → number of circles

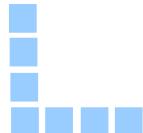


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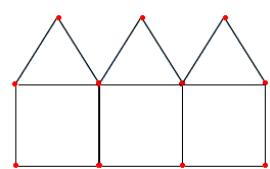
MEMO

1. Geometric patterns. [new exercise]

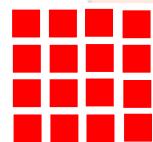
(a)



(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 → **×3** → **- 2** → number of blocks

3.2

(a) Complete the table.

Picture	1	2	3	4	5
Number of bricks	1	5	9	13	17

(c) Create the rule for the pattern.

Figure number → **× 4** → **- 3** → number of circles

