

Answers

Lesson-5: Geometry and Patterns

Main Coursebook

Knaesthetic

Accept all the relevant responses.

Auditory

Cone

Pictorial

Sleeping lines - 12

Standing lines - 8

Curved lines - 3

Slanting lines - 10


Interacting better


Accept all the relevant responses.


1. Accept all relevant responses.
2. Accept all relevant responses.
3. Accept all relevant responses.
- 4.


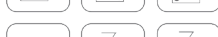
Shape	Number of Vertices	Number of Sides
Square	4	4
Triangle	3	3
Circle	0	0
Rectangle	4	4


5.

a. repetition  

b. increase in size  

c. change in direction  

d. combination of patterns  

e. number patterns  

Solving better

1. a. true b. false c. false
d. false e. true f. true
2. Circle the shapes that will come next in the patterns.

Learning better

- A. 1. c. 2. d. 3. a. 4. c. 5. b.
- B. 1. Slanting line 2. Horizontal line
3. Slanting line 4. Curved line
5. Parallel line 6. Vertical line

C. lines - 3

line segments - 8

parallel lines - 2

intersecting lines - 1

D. Measure the lengths of the following line segments. Write it in the box.

E. Draw line segments of the following lengths, in your notebook.

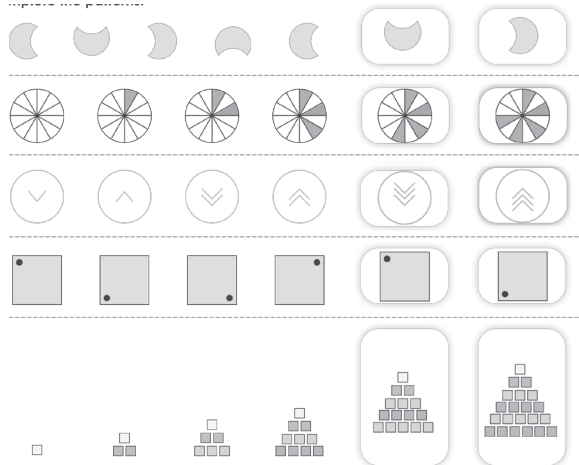
F.

Shapes Name of the shape	Number of sides	Number of corners
Circle	0	0
Rectangle	4	4
Triangle	3	3
Square	4	4
Quadrilateral	4	4

- G. 1. cuboid 2. cylinder 3. cube
4. sphere 5. cone 6. cylinder
7. cone 8. cuboid

- H. 1. ice-cube and dice
2. bricks and eraser
3. pipe and pencil
4. ball and orange
5. ice-cream and party hat

I.



- J. 1. 60, 50, 40, 30 2. 125, 150, 175, 200
3. 48, 58, 68, 78 4. 104, 90, 76, 62

Understanding better (page no - 55)

1. no
2. yes
3. yes

Understanding better (page no - 57)

1. no

2. yes

3. yes

Thinking better

Accept all relevant responses.

Choosing better

- Keep nuts and seeds in the backyard for the squirrels and birds to eat.



Worksheets

Worksheet 1

- A. 1. 0 2. Line 3. Ending point
4. Intersecting 5. Parallel
- B. 1. PS, SR, RQ, QP
P, S, R and Q
2. AB, BC, CD and DA
A, B, C and D
3. LM, MN and NL
L, M and N
4. None
None
5. WX, XY, YZ and ZW
W, X, Y and Z

C. 1. Quadrilateral/Rectangle

2. Rectangle

3. Triangle

4. Circle

5. Square

Worksheet 2

A. 1. Edge 2. Two 3. Flat

4. Corner 5. Straight or Curve

B. 1. 5 2. 1 3. 2 4. 1 5. 0

C. 1. NA 2. NA 3. NA

4. NA 5. NA

Book of Holistic Teaching

Developing better

A. doesn't, can't

B. Giraffe

C. Deccan Plateau

Book of Project Ideas

Making better

Accept all relevant responses.