

# Answers

## Theme 5: Why Do We Need Systems? Lesson-8: Symmetry, Patterns and Nets

### Main Coursebook

#### Kinaesthetic

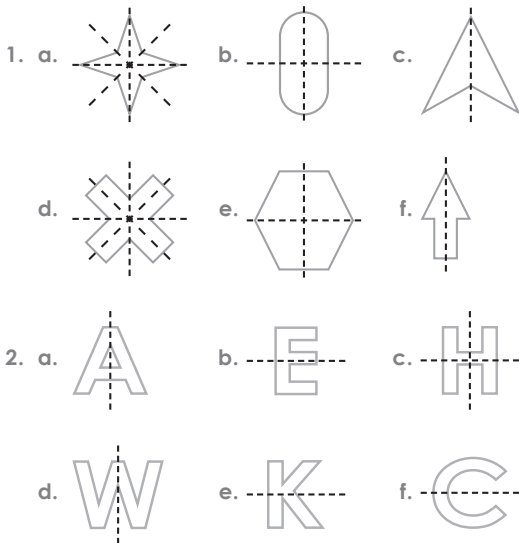
Accept all the relevant responses.

#### Auditory

1. Maya knew her paper showed symmetry because the lines matched perfectly when folded in half.
2. squares and triangles

#### Interacting better

Accept all the relevant responses.



#### Understanding better (page no – 95)

1. yes
2. yes
3. Will discuss with designer
4. a. 12    b. 84    c. 57    d. 320

#### Understanding better (page no – 97)

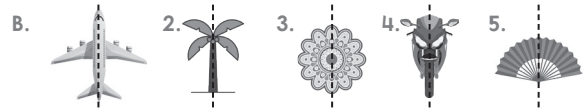
1. 6
2. 1
5. Accept all the relevant responses.
6. a. Front, side, top    b. Top, side, front  
c. Front, top, side    d. Front, side, top

#### Solving better

- a. 6    b. Triangle and circle
- c. 4    d. H, I, X

#### Learning better

- A. 1. b    2. a    3. d    4. c    5. c



- C. Accept all the relevant responses  
D. 1. b    2. a    3. b    4. b

#### Thinking better

Accept all the relevant responses

#### Choosing better

- Remind Rohan about the library book borrowing system and advise him to return the book.

### Students' Worksheets

#### Worksheet 1

- A. 1. equal    2. symmetrical  
3. infinite    4. 90    5. six
- B. 5  
C. 2

#### Worksheet 2

- A. 1.     3.     5.     6.
- B. 2  
C. Accept all the relevant responses

#### Worksheet 3

- A. 3.
- B. Accept all the relevant responses.
- C. 1. a    2. b    3. a    4. a    5. c

### Book of Holistic Teaching

- A. ff, ff  
B. Conical flask  
C. Desert

### Book of Project Ideas

#### Making better

Accept all the relevant responses.