Fun with Shapes

Standard difficulty · 20 questions · 40 marks · Time: 54 minutes

Name: _____ Date: _____ Score: ____ / 40

Show your working for Sections B and C. Answers are on the last page — try every question first!

Section A — Choose the correct answer — 8 × 1 = 8 marks

1. How many sides do 1 triangle and 3 squares have altogether?
(a) 15 **(b)** 19 **(c)** 11 **(d)** 16

2. A clock face looks like which shape?
(a) Triangle **(b)** Rectangle **(c)** Circle **(d)** Square

3. How many matchsticks are needed to make 3 squares in a row, sharing sides?
(a) 11 **(b)** 12 **(c)** 10 **(d)** 9

4. How many matchsticks make 2 triangles in a row, each sharing a side with the next?
(a) 5 **(b)** 6 **(c)** 4 **(d)** 7

5. How many square corners does a rectangle have?
(a) 4 **(b)** 3 **(c)** 0 **(d)** 2

6. How many corners are there in 6 triangles and 2 rectangles?
(a) 27 **(b)** 29 **(c)** 23 **(d)** 26

7. How many sides do 6 rectangles have in all?
(a) 24 **(b)** 25 **(c)** 28 **(d)** 20

8. Which of these has square corners?
(a) a coin **(b)** a samosa seen from the side
(c) a postcard **(d)** a bangle

Section B — Short answer — 8 × 2 = 16 marks

9. How many corners do 5 triangles and 5 squares have in all?

10. Lata draws 4 triangles and 5 squares. How many sides are there in all?

11. How many matchsticks do you need for 7 squares in a row?

12. With 46 matchsticks, how many squares in a row can you make?

13. Name the shape of a bangle.

14. What shape are the faces of a geometry box?

15. How many square corners are there in 9 rectangles?

16. How many matchsticks make 11 triangles in a row?

Section C — Word problems — 4 × 4 = 16 marks

17. Asha makes squares in a row with matchsticks, sharing sides. (a) How many sticks for 1, 2 and 3 squares? (b) How many for 13 squares? (c) What pattern do you see?

18. A rangoli has 3 triangles, 3 squares and 1 rectangle. How many corners are there in all? How many square corners?

19. How are a square and a triangle different? Write one thing that is true for each.

20. Riya makes triangles in a row with matchsticks. How many sticks are needed for 10 triangles? How many triangles can be made with 25 sticks?

Want another sheet on this chapter? In the Ambiful Worksheets app every sheet is new, with its answer key, and your child never gets the same question twice.
Scan the code to get the free app, or open **worksheets.ambiful.com/get**

Answer key

Fun with Shapes · AW-3M-SHP-2026-V1 · For parents — fold back or tear off before handing the sheet to your child.

Q	Answer	Working
1	**(a) 15**	1 × 3 + 3 × 4
2	**(c) Circle**	—
3	**(c) 10**	the first square needs 4, each new square 3 more: 4 + 3 × 2
4	**(a) 5**	the first triangle needs 3, each new one 2 more: 3 + 2 × 1
5	**(a) 4**	—
6	**(d) 26**	6 × 3 + 2 × 4
7	**(a) 24**	6 × 4
8	**(c) a postcard**	squares and rectangles have four square corners
9	**35**	5 × 3 + 5 × 4
10	**32**	4 × 3 + 5 × 4
11	**22**	4 + 3 × 6
12	**15**	4 for the first, then 3 for each more: (46 − 1) ÷ 3
13	**Circle**	—
14	**Rectangles**	it is a cuboid: its faces are rectangles
15	**36**	9 × 4
16	**23**	3 + 2 × 10
17	**(a) 4, 7, 10; (b) 40; (c) each new square needs 3 more sticks**	—
18	**25 corners; 16 square corners**	3 × 3 + 3 × 4 + 1 × 4
19	**A square has 4 equal sides and 4 square corners; a triangle has 3 sides and 3 corners.**	sides: Square 4, Triangle 3
20	**21 sticks; 12 triangles**	3 for the first triangle, then 2 for each more

Ambiful Worksheets · worksheets.ambiful.com · Not affiliated with CBSE / NCERT