Shapes Around Us

Class 4 Maths Mela · Chapter 1 worksheet



Name _____ **Date** _____

Use a pencil. You may use a box, a bangle and a scrap of paper to help you.

1 Match each thing to its shape name.

1 dice	●	●	A  sphere
2 brick	●	●	B  cone
3 tin can	●	●	C  cube
4 party hat	●	●	D  cuboid
5  ball	●	●	E  cylinder

2 Count on a box or a dice.

A cube has ☐ faces, ☐ edges and ☐ corners.

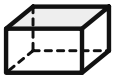
3 Think of a square pyramid.

A square pyramid has ☐ faces, ☐ edges and ☐ corners.

4 Magic check: faces + corners − edges.

Cube: 6 + 8 − 12 = ☐. Square pyramid: 5 + 5 − 8 = ☐.

5 Circle the solids that have a curved face.

1.  cube
2.  cylinder
3.  cone
4.  cuboid
5.  sphere
6.  square pyramid

6 Circle each letter or shape that has a right angle.

1. L
2. V
3. T
4. 
5. O
6. 
7. A

7 Box 1: an acute angle. Box 2: a right angle. Box 3: an obtuse angle.

A

B

C

8 Draw round a bangle to make a circle.
Mark its centre, a radius and a diameter.

9 Radius and diameter.

A bangle has a radius of 3 cm. Its diameter is ☐ cm. A wheel has a diameter of 50 cm. Its radius is ☐ cm.

10 Shape puzzle.

Draw a square. Join each corner to the opposite corner. How many triangles can you find? ☐

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Answer key for grown-ups

Shapes Around Us · Class 4 · Maths Mela · Chapter 1. Check together and praise the effort, not only the answer.

1 Match each thing to its shape name.
1 → C, 2 → D, 3 → E, 4 → B, 5 → A

2 Count on a box or a dice.
A cube has 6 faces, 12 edges and 8 corners.

3 Think of a square pyramid.
A square pyramid has 5 faces, 8 edges and 5 corners.

4 Magic check: faces + corners − edges.
Cube: 6 + 8 − 12 = 2. Square pyramid: 5 + 5 − 8 = 2.

5 Circle the solids that have a curved face.
Circle pictures 2, 3 and 5.

6 Circle each letter or shape that has a right angle.
Circle cards 1, 3, 4 and 6.

7 Box 1: an acute angle. Box 2: a right angle. Box 3: an obtuse angle.
1: an angle smaller than a square corner. 2: a square corner. 3: an angle bigger than a square corner.

8 Draw round a bangle to make a circle. Mark its centre, a radius and a diameter.
A circle with its centre dot, a radius (centre to edge) and a diameter (edge to edge through the centre).

9 Radius and diameter.
A bangle has a radius of 3 cm. Its diameter is 6 cm. A wheel has a diameter of 50 cm. Its radius is 25 cm.

10 Shape puzzle.
Draw a square. Join each corner to the opposite corner. How many triangles can you find? 8

What your child practised

- Naming solids (cube, cuboid, cylinder, cone, sphere, prisms, pyramids) and counting their faces, edges and corners.
- Nets: a flat shape that folds up into a box.
- Angles (acute, right, obtuse), and why triangles make strong frames.
- Circles: the centre, the radius and the diameter (the diameter is double the radius).