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# Year 1 Maths Worksheet

## 2D SHAPES AND 3D OBJECTS

FREE WORKSHEET · ANSWERS INCLUDED



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Warm-up



**Let's learn**

2D shapes are flat, like a drawing. 3D objects are solid, like a box or a ball. Count the sides and corners of a shape.

## Name the shape

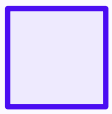
Write the name of each shape.

1 

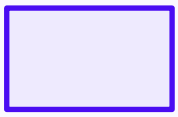
_ _ _ _ _ _

2 

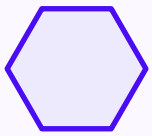
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3 

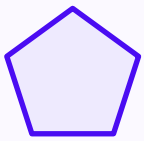
_ _ _ _ _ _

4 

_ _ _ _ _ _

5 

_ _ _ _ _ _

6 

_ _ _ _ _ _

My working space

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## Sides and corners

Fill in the table.

| Shape | Sides | Corners |
|---|---|---|
| triangle | | |
| square | | |
| rectangle | | |
| pentagon | | |
| hexagon | | |
| circle | | |

My working space

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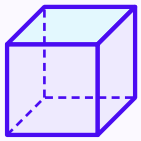
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Practise



## Name the object

Write the name of each 3D object.

1 

_ _ _ _ _ _

2 

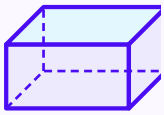
_ _ _ _ _ _

3 

_ _ _ _ _ _

4 

_ _ _ _ _ _

5 

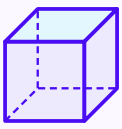
_ _ _ _ _ _

6 

_ _ _ _ _ _

## Can it roll?

Circle Yes or No.

1 

Yes No

2 

Yes No

3 

Yes No

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## Things we know

What 3D object is each one like?

1. A netball is a _____

2. A tin of beans is a _____

3. An ice cream cone is a _____

4. A dice is a _____

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Challenge



## Worded problems

Read each problem. Draw the shapes to help, then write the answer.

**1.** Leo draws a shape with 3 sides. What shape is it?

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**Answer:** _____

**2.** How many corners do 2 squares have?

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**Answer:** _____

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## Worded problems

Read each problem. Draw the shapes to help, then write the answer.

**3.** Mia builds a tower. Should she put a cube or a sphere at the bottom? Why?

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**Answer:** _____

**4.** I am flat. I have no sides and no corners. What am I?

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**Answer:** _____

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# Answer key

## Check Your Understanding

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# Warm-up

## Name the shape

1. **triangle**
2. **circle**
3. **square**
4. **rectangle**
5. **hexagon**
6. **pentagon**

# Practise

## Sides and corners

Shape triangle; Sides **3**; Corners **3**
Shape square; Sides **4**; Corners **4**
Shape rectangle; Sides **4**; Corners **4**
Shape pentagon; Sides **5**; Corners **5**
Shape hexagon; Sides **6**; Corners **6**
Shape circle; Sides **0**; Corners **0**

## Name the object

1. **cube**
2. **sphere**
3. **cylinder**
4. **cone**
5. **rectangular prism**
6. **pyramid**

## Can it roll?

1. **No**
2. **Yes**
3. **Yes**

## Things we know

1. A netball is a **sphere**
2. A tin of beans is a **cylinder**
3. An ice cream cone is a **cone**
4. A dice is a **cube**

# Challenge

## Worded problems

1. **a triangle**. 3 sides and 3 corners
2. **8 corners**. 4 + 4 = 8
3. **a cube**. A cube has flat faces, so it does not roll away
4. **a circle**. A circle is round with no corners

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