Year 3 Worksheet 6: Geometry (2D/3D Shapes and Angles)

Level: Beginner

1. Name 3 common 2D shapes.

2. How many sides does a square have?

3. Circle the rectangles in a group of shapes.

4. Draw a triangle and a circle.

5. Match shape to its name: square, triangle, hexagon.

6. Tick the shapes with straight sides.

7. Count sides of a pentagon.

8. Name 3 shapes that have right angles.

9. Which shapes have equal sides?

10. Circle the shapes with curves.

[Use the space below to work out your answers. Show all your working.]

1. Name these 3D shapes: cube, sphere, cylinder.

2. Count edges of a cuboid.

3. Find the number of faces on a pyramid.

4. Identify parallel lines in shapes.

5. Draw a square with a line of symmetry.

6. Identify right angles in a diagram.

7. Name a shape with exactly one right angle.

8. Match 3D shapes to real-world objects.

9. Draw a shape with 6 equal sides.

10. Circle the shapes with no corners.

[Use the space below to work out your answers. Show all your working.]

1. Identify perpendicular lines in shapes.

2. Which shape has 8 sides?

3. Draw and label a trapezium.

4. How many vertices does a cube have?

5. Describe differences between a square and rectangle.

6. Find lines of symmetry in a hexagon.

7. Name the angles: acute, right, obtuse.

8. Which shape has more than one pair of parallel lines?

9. Draw two shapes with perpendicular sides.

10. Which shapes have rotational symmetry?

[Use the space below to work out your answers. Show all your working.]

1. A shape has 3 sides and no right angles. What is it?

2. Draw and label 3 types of angles.

3. Write a shape riddle: It has 6 faces, all the same size.

4. Compare cube and cuboid (faces, edges, vertices).

5. Draw a 3D shape with 8 vertices.

6. Explain difference between square and rhombus.

7. Identify all angles in a triangle diagram.

8. Which 3D shape rolls and why?

9. Find and label angles in a right-angled triangle.

10. Draw a net of a cube.

[Use the space below to work out your answers. Show all your working.]