Shape & Space Worksheet 1

2D Shapes, 3D Shapes, Angles & Position

Name: _____ Date: _____

1. How many sides does a pentagon have?

2. How many sides does a hexagon have?

3. Name the 2D shape with 4 equal sides and 4 right angles.

4. How many faces does a cube have?

5. How many edges does a cuboid have?

6. How many vertices does a triangular prism have?

7. What type of angle is 90°?

8. What type of angle is 45°?

9. What type of angle is 120°?

10. Find the missing angle on a straight line if one angle is 65°.

11. A triangle has angles 50° and 60°. Find the third angle.

12. A rectangle is 8 cm long and 5 cm wide. Find its perimeter.

13. A square has sides of 6 cm. Find its area.

14. A rectangle is 9 cm long and 4 cm wide. Find its area.

15. A triangle has base 10 cm and height 6 cm. Find its area.

16. A shape is translated 4 squares to the right. If a point starts at (2,3), what are its new coordinates?

17. Which coordinate is 5 units left and 2 units up from (7,4)?

18. A right-angled triangle has sides 3 cm and 4 cm meeting at the right angle. Find the length of the third side.

19. A cuboid measures 5 cm by 4 cm by 3 cm. Find its volume.

20. How many lines of symmetry does a square have?