Test - 2D and 3D shapes

Year: Year 1 · Duration: 20 minutes · /20

Name:	Date:	**Mark: /20**

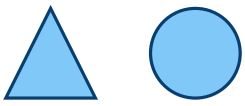
Question	1	2	3	4	5	Total
marks	4	4	4	4	4	**20**
Mark						

Show your working.

Question 1 (4 marks)

Question 1 – Flat shapes

Look at the shapes.

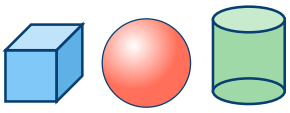


a. What is the first shape? (1 mark)
b. What is the second shape? (1 mark)
c. How many sides does the first shape have? (1 mark)
d. How many corners does the second shape have? (1 mark)

Question 2 (4 marks)

Question 2 – Solid shapes

Look at the shapes.



a. Name the first shape. (1 mark)
b. Name the second shape. (1 mark)
c. Name the third shape. (1 mark)
d. How many faces does a cube have? (1 mark)

Question 3 (4 marks)

Question 3 – What am I?

Write the name of each shape.

a. I am flat and I have 4 equal sides. (1 mark)
b. I am solid and I roll like a ball. (1 mark)

c. I am flat with 3 sides. (1 mark)
d. I am solid. I have a circle at the bottom and a point at the top. (1 mark)

Question 4 (4 marks)

Question 4 – Pattern

Look at the pattern.



a. What is the first shape? (1 mark)
b. What shape comes next? (1 mark)
c. How many circles are in the picture? (1 mark)
d. Each square has 4 corners. How many corners do the 3 squares have in the finished pattern? (1 mark)

Question 5 (4 marks)

Question 5 – Problem: the building

Zak builds a house with blocks. He uses a cuboid for the house, a pyramid for the roof and 2 cylinders for the chimneys.

a. How many solid shapes does Zak use? (1 mark)
b. How many faces does the pyramid have? (1 mark)
c. How many flat faces does the cuboid have? (1 mark)
d. The cuboid has 6 faces and the pyramid has 5. How many faces in all? (1 mark)