

Show us how much you know about Shapes and Areas ...

1. Write the correct shape name to match the descriptions given.

Cube

Rectangle

Pyramid

Prism

Pentagon

- A. I have six identical faces:
- B. I have five straight sides:
- C. I can be a square or an oblong:
- D. I have TWO identical flat Faces joined by flat rectangular faces:
- E. I have a flat base and pointy top :

2. Complete the Table below. Remember Edges can be curved or straight.

SOLID	FLAT FACES	EDGES	VERTICES	ROLL Y/N	STACK Y/N
SPHERE					N
CYLINDER		2			
CONE			0		
CUBE					
TRIANGULAR PRISM		9		N	
SQUARE BASED PYRAMID	5			N	

- 3. I have TWO CUBES. How many edges in total?
- 4. Soraya has an Amazon Tablet. What solid shape is it?
- 5. Jarell's pet shape has only 2 flat faces. What could it be?
- 6. Stack two cubes together. What's the new shape?
- 7. Calculate the areas of these shapes.



$$\begin{aligned}
 \text{Area of Square} &= \text{Side} \times \text{Side} \\
 &= 6 \text{ cm} \times 6 \text{ cm} \\
 &= 36 \text{ cm}^2
 \end{aligned}$$



$$\begin{aligned}
 \text{Area of Rectangle} &= \text{Length} \times \text{Width} \\
 &= 9 \text{ cm} \times 4 \text{ cm} \\
 &= 36 \text{ cm}^2
 \end{aligned}$$