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1. What shape is a football?
 - a) A sphere
 - b) A cube
 - c) A pyramid
 - d) A cone

 2. 'The Pentagon' is the US defence building in Washington, but how many sides does the building have?
 - a) 3
 - b) 4
 - c) 5
 - d) 6

 3. Inside a square there are 4 _____ angles.
 - a) correct
 - b) right
 - c) wrong
 - d) left

 4. Which of the following shapes has three sides?
 - a) Triangle
 - b) Circle
 - c) Square
 - d) Rectangle

 5. What do we call the line from the centre to the edge of a circle?
 - a) Circumference
 - b) Diameter
 - c) Radius
 - d) Line

 6. In many games we throw a dice (a six sided object), but what shape is it?
 - a) A cube
 - b) A sphere
 - c) Square
 - d) A pyramid

ANSWERS:

1. What shape is a football?

- a) **A sphere – Well done. A football is a sphere or spherical.**
- b) A cube - A cube is a 3-dimensional square.
- c) A pyramid - Think of pyramids in ancient Egypt. What shape are they?
- d) A cone - Think of an ice-cream cone, a circle at one end and a point at the other.

2. 'The Pentagon' is the US defence building in Washington, but how many sides does the building have?

- a) 3 – What number does the prefix 'penta' mean?
- b) 4 – What number does the prefix 'penta' mean?
- c) **5 – The prefix 'penta' means 5. The Pentagon is a five-sided building.**
- d) 6 – What number does the prefix 'penta' mean?

3. Inside a square there are 4 _____ angles.

- a) correct – What do we call a 90° angle?
- b) **right – A 90° angle is called a right angle.**
- c) wrong – What do we call a 90° angle?
- d) left – What do we call a 90° angle?

4. Which of the following shapes has three sides?

- a) **Triangle – Correct. 'Tri' means three; think of 'tricycle' – a bicycle with 3 wheels.**
- b) Circle – A circle has only one side - with no beginning and no end!
- c) Square – A square has 4 sides of equal length.
- d) Rectangle – A rectangle has 4 sides, like a long square.

5. What do we call the line from the centre to the edge of a circle?

- a) Circumference – The circumference is the line around the edge of the circle.
- b) Diameter – The diameter is a line going across the circle and through the centre.
- c) **Radius – Correct. The radius is a line going from the centre of a circle to the edge.**
- d) Line – 'A line' is incorrect.

6. In many games we throw a dice (a six sided object), but what shape is it?

- a) **A cube – A cube is a 3-dimensional 6 sided object – think of a sugar cube.**
- b) A sphere – Wrong. The Earth is a sphere shape.
- c) Square – Wrong. A square has 4 sides and is 2-dimensional.
- d) A pyramid – Think of pyramids in ancient Egypt. What shape are they?

You can try this quiz online at:

http://www.bbc.co.uk/apps/ift/worldservice/quiznet/quizengine?ContentType=text/html:quiz=1522_shapes