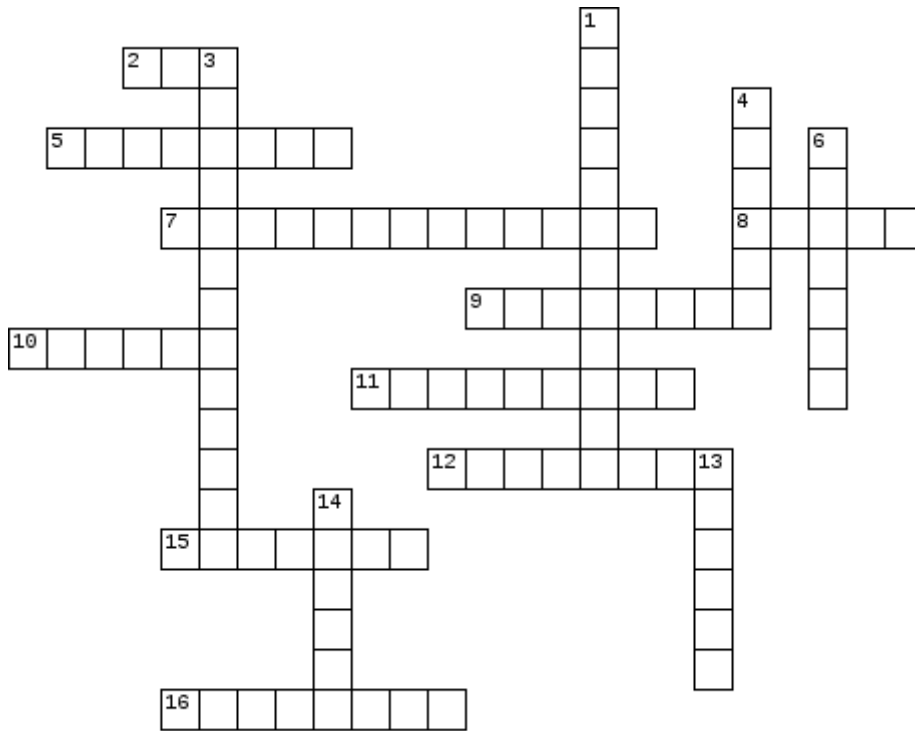


2D shapes

Activity 1: Solve the following crossword



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Across Clues

2. Portion of a circle bounded by two end points on the circle
5. Arc whose central angle is less than 180 degrees
7. 4 sided polygon
8. Line segment joining two points on a circle
9. 3 sided polygon
10. Regular quadrilateral
11. Parallelogram with 4 congruent angles
12. Chord that passes through the center of a circle
15. Portion of a circle bounded by a chord and an arc of the circle
16. Arc whose central angle is greater than 180 degrees

Down Clues

1. Angle with its vertex at the center of the circle
3. Length around the circle
4. Set of points the same distance from a given point
6. Parallelogram with 4 congruent sides
13. Distance between the center of a circle and any point on the circle
14. Area enclosed within the central angle of a circle and the circle

3D shapes - Names of solids

Activity 1: Match the solids with their names



cube



cylinder



sphere



cuboid



Hexagonal prism



Triangular-based pyramid



Triangular prism

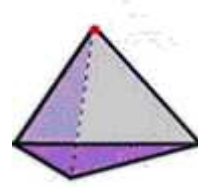
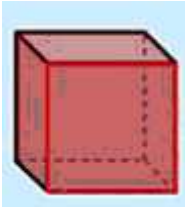


Square-based pyramid



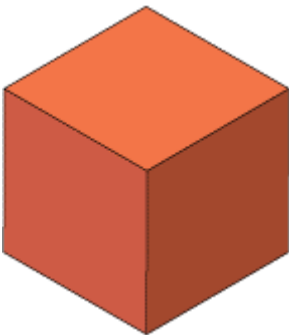
cone

Activity 2: Fill the gaps with these words: **edge, face and vertex**



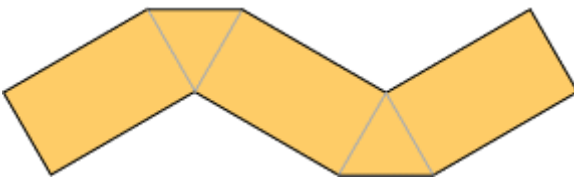
Activity 3:

1. What is the name of this solid?



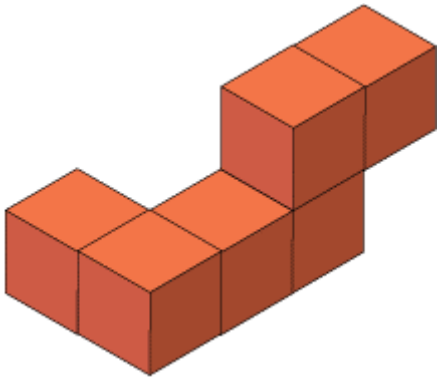
- Cylinder
- Cube
- Cone

2. The net below is to be folded to make a 3D shape. What is the name of the shape?



- Square based pyramid
- Triangular prism
- Triangular based pyramid

3. How many cubes are there in this 3D shape?



- 8
- 6
- 2

http://www.bbc.co.uk/schools/ks3bitesize/maths/shape_space/