

Level 5/6 Homework Term 2 Week 8 2018

Assigned: Friday 1st June 2018



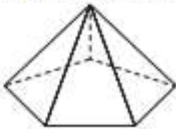
Due: Thursday 8th June 2018

Reading

Home reading: Complete at least 20 minutes of reading every day. Keep your book in your bag so that you can read it when you get time in class, or have another book at school to read. Remember to keep a record of the books you have completed reading, (in the back of your homework book), so that you can enter them on the *Premier's Reading Challenge*, **which has started and ends in September.**

Numeracy - Geometry

1. Use the following clues to identify the shapes

<p>a I have 3 faces. One of these is curved. The other 2 faces are 2D circles. These circles are parallel to each other. I'm a</p>	<p>b This is an example of me:</p>  <p>I'm an</p>	<p>c I have a square base and 4 triangular faces. The triangular faces meet together at one point. I'm a</p>
<p>d I have 1 curved face, no vertices and no edges. I roll well. I'm a</p>	<p>e I have two names. One of these is hexahedron. I have 6 faces, 8 vertices and 12 edges. Draw me.</p>	<p>f This is an example of me:</p>  <p>I have 20 faces, 12 vertices and 30 edges. I'm an</p>
<p>g I'm a Platonic solid. This means all my faces, angles, vertices and edges are identical. I have 4 faces. I'm a</p>	<p>h I'm not a polyhedron. I have a flat circular base and 1 curved face. I have 1 vertex. I'm a</p>	<p>i This is an example of me:</p>  <p>I'm a</p>

2. Choose at least 3 different 3D shapes from the list below and draw them on the graph paper provided. Label each shape with their corresponding attributes eg How many vertices/edges/flat surfaces/curved surfaces etc

cube	triangular based pyramid	cylinder	rectangular prism	cone
sphere	hexagonal prism	triangular prism	pentagonal prism	square based pyramid

3. CHALLENGE

A gardener is asked to plant ten trees in five rows, with each row containing four trees. How did he do this?



