|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geometry Revision** | | | | **3** |
| **(a)** | **(b)** | **(c)** | **(d)** | |
| Work out the area of the shape shown. | On the grid, translate triangle A by the vector | The surface area of the cube shown is . Find the value of . | Find the value of . Give reasons for your answer. | |
| **(e)** | **(f)** | **(g)** | **(h)** | |
| Using only ruler and compasses, construct an equilateral triangle. The first side has been drawn for you. | (i) Calculate the area of a circle with a radius of . Give your answer to 1 decimal place.  (ii) Calculate the circumference of a circle with a radius of  . Leave your answer in terms of . | On the grid, reflect shape B in the line . | The volume of the triangular prism shown is . Find the value of . | |