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| Level 1 | |
| 1. The vertex G has the coordinates (6, 2, 4) 2. Write down the coordinates of the other vertices. 3. Work out the volume of the cuboid 4. Work out the surface area of the cuboid. | z |
| Level 2 | |
| z  y | 2. The diagram shows a triangular based pyramid, ABCD, in which D is vertically above A. The base ABC is horizontal.  a) Write down the coordinates for all vertices  b) Calculate the length BD |
| Level 3 | |
| 3.  a) Find the surface area of the shape.  b) Work out the angle of elevation at vertex N. | y  z |