|  |  |  |
| --- | --- | --- |
| **Solving Quadratic Equations Problems** | | |
| **(a)** | **(b)** | **(c)** |
| (i) Show that  (ii) Hence find the length and width of the rectangle. | (i) Show that  (ii) Hence find the width and height of the triangle. | (i) Show that  (ii) Hence find the dimensions of the cuboid. |
| **(d)** | **(e)** | **(f)** |
| Find the value of and hence the dimensions of the trapezium. Show clear algebraic working. | Find the value of and hence the dimensions of the compound shape. Show clear algebraic working. | Find the value of and hence the dimensions of the cuboid. Show clear algebraic working. |