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| **Geometry Revision** | | | | **6** |
| **(a)** | **(b)** | **(c)** | **(d)** | |
| A cuboid has dimensions by by . Find the length of the diagonal AB to 1 decimal place. | Find the value of angle . Give reasons for your answers. | Calculate the value of angle . giving your answer to 1 decimal place. | The two cylinders A and B are similar. The surface areas of A and B are and respectively. Given the volume of cylinder B is , find the volume of cylinder A. | |
| **(e)** | **(f)** | **(g)** | **(h)** | |
| Find the area of the triangle shown, giving your answer to 3 significant figures. | Find the angle that the line makes with the plane . | AB and CD are chords of the circle. Find the missing value . | . C is the midpoint of OA. Given that CDE is a straight line, find | |