

EXAMINATION QUESTIONS - CNC MACHINE AND COORDINATES

HELPFUL LINKS:

<https://technologystudent.com/cam/cnccut1.html>

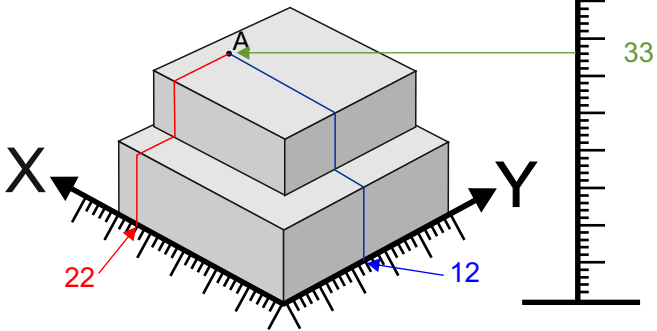
1. Below are a number of points indicated on a plastic block. The block is to be machined on a CNC machine. The points need converting to coordinates, a process normally carried out automatically by the computer software.

Using the X, Y and Z axis, work out the coordinates. Draw the guidelines for X, Y and Z and write the answer for each question. The first question has been completed for you, as a sample answer. **5 marks**

1. COORDINATES SHOWN

X, Y, Z

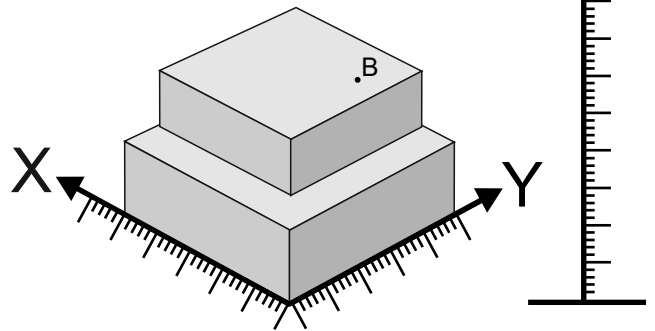
ANSWER: (22, 12, 33)



2. COORDINATES SHOWN

X, Y, Z

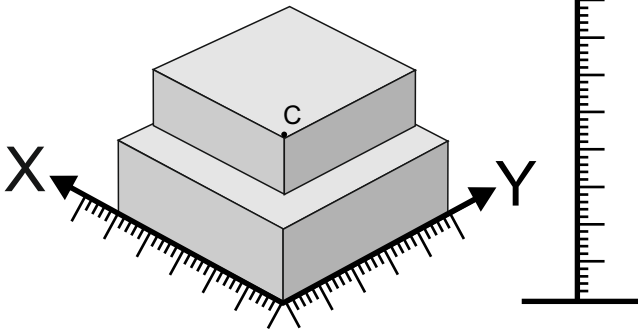
ANSWER: (, ,)



3. COORDINATES SHOWN

X, Y, Z

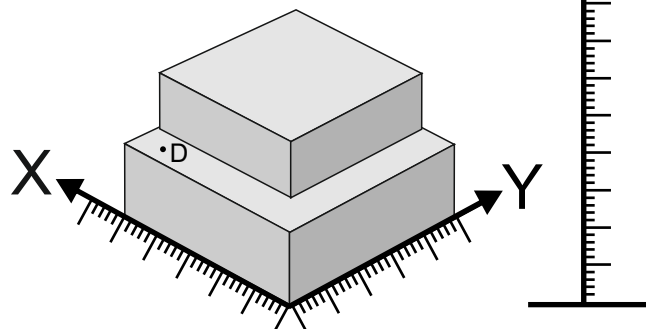
ANSWER: (, ,)



4. COORDINATES SHOWN

X, Y, Z

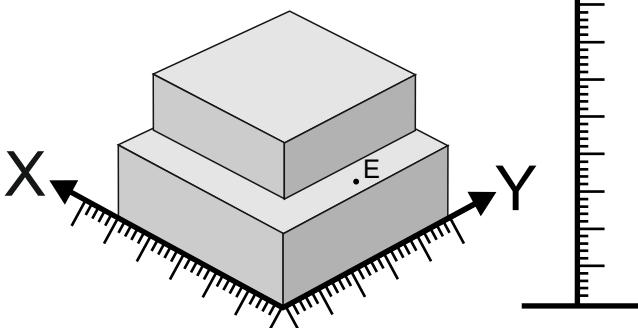
ANSWER: (, ,)



5. COORDINATES SHOWN

X, Y, Z

ANSWER: (, ,)



6. COORDINATES SHOWN

X, Y, Z

ANSWER: (, ,)

