

THE CNC MACHINE AND COORDINATES

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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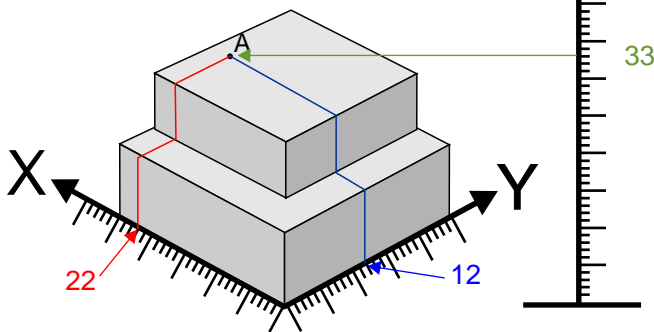
1. Below are a number of points indicated on a plastic block. The block is to be machined on a CNC machine. The points need converting to coordinates, a process normally carried out automatically by the computer software.

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.

1. COORDINATES SHOWN

X, Y, Z

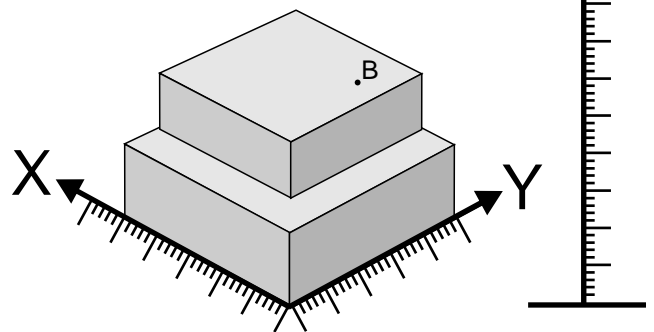
ANSWER: (22, 12, 33)



2. COORDINATES SHOWN

X, Y, Z

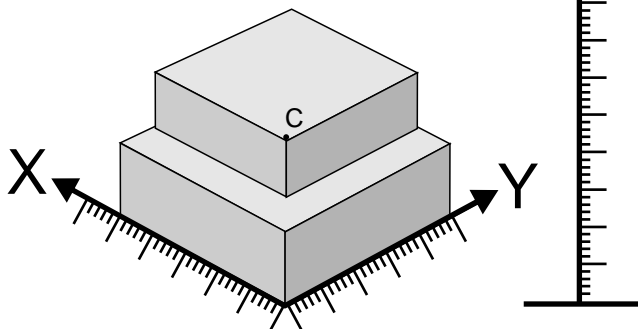
ANSWER: (__, __, __)



3. COORDINATES SHOWN

X, Y, Z

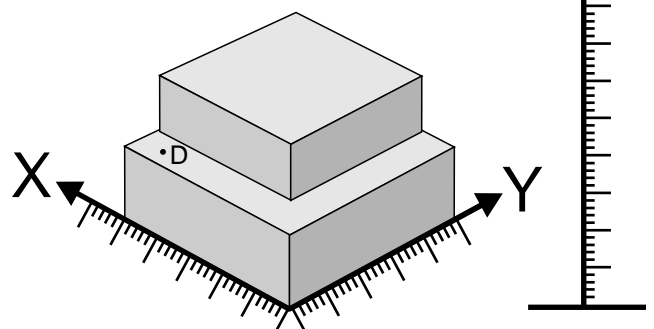
ANSWER: (__, __, __)



4. COORDINATES SHOWN

X, Y, Z

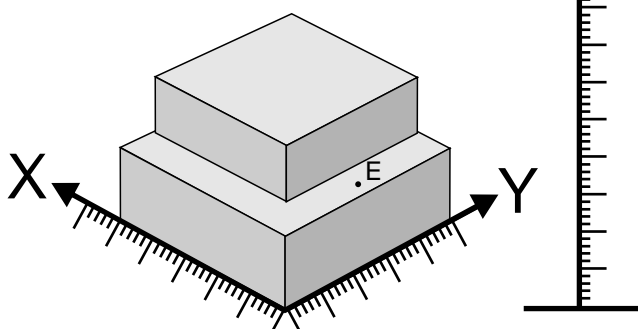
ANSWER: (__, __, __)



5. COORDINATES SHOWN

X, Y, Z

ANSWER: (__, __, __)



6. COORDINATES SHOWN

X, Y, Z

ANSWER: (__, __, __)

