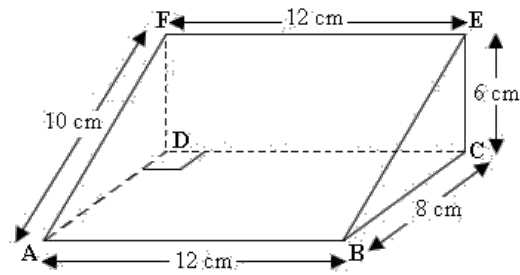# Inside a triangular prism

**This task is about finding right angles on a triangular prism.**



a) Build the triangular prism shown above using the sticks and blu-tack on the corners and label the corners as shown by sticking paper to blu-tack on the corners.

> **Show the model to your teacher before doing part b).**

b) Select "Yes" if the triangle is a right angled triangle, otherwise select "No".
   Your model will help you decide.

| Triangle | Is the triangle Right-angled? *(Select one)* |
|----------|-------------------------------|
| i)    ADF | Yes / No |
| ii)   ABC | Yes / No |
| iii)  AFC | Yes / No |
| iv)   DCE | Yes / No |
| v)    BCF | Yes / No |
| vi)   ACE | Yes / No |
| vii)  BDE | Yes / No |
| viii) ADE | Yes / No |
| ix)   BCD | Yes / No |
| x)    ABE | Yes / No |