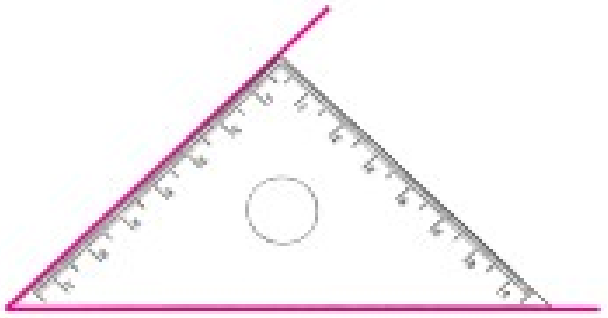
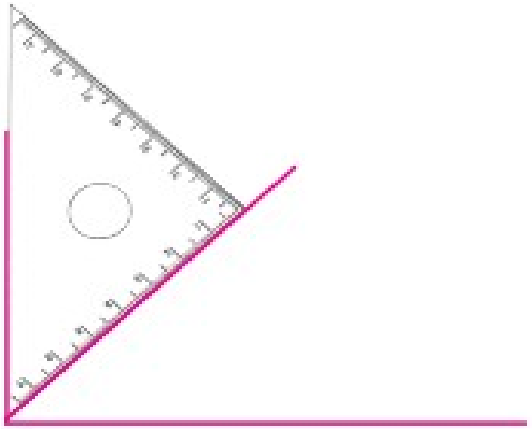
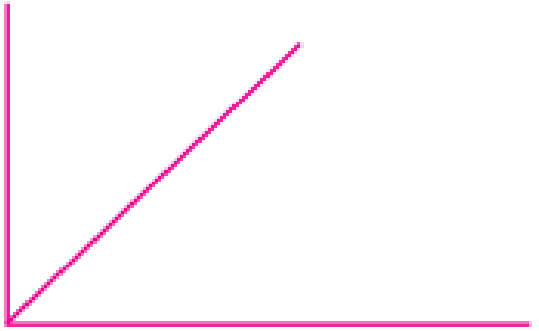
JOINING ANGLES

Look at this angle, drawn using a corner of a set square.



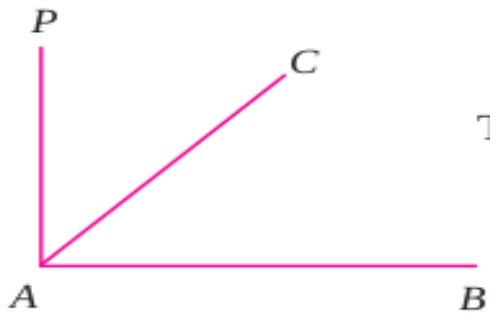
With the same corner again, draw another angle on the top like this.





How many angles do we have now?

Two? Or Three?



The first angle we draw can be called *CAB* or *BAC*; and the second one, *PAC* or *CAP*. W
use the symbol ∠ to denote an angle. Thus the first angle can be written ∠*CAB* (rea
"angle *C*, *A*, *B*").

The second angle is ∠*PAC*.

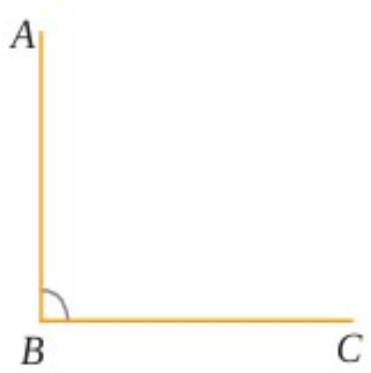
What's the name of the third angle?

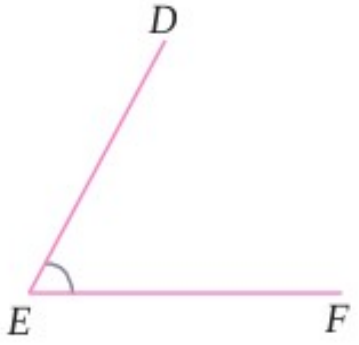
<PAB

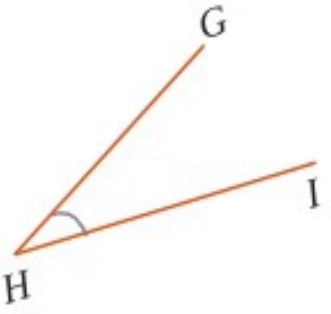
Which of these three is the largest? <PAB

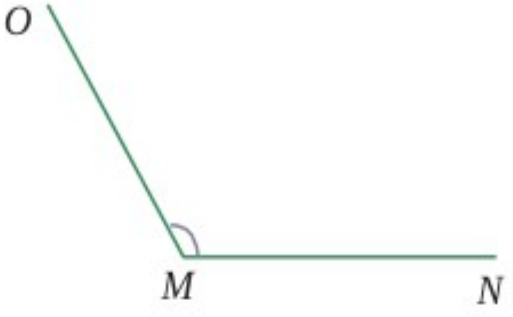
And the smallest? <PAC,<CAB

The angle shown below drawn using different corners of set square









Which is the smallest among these? <GHI

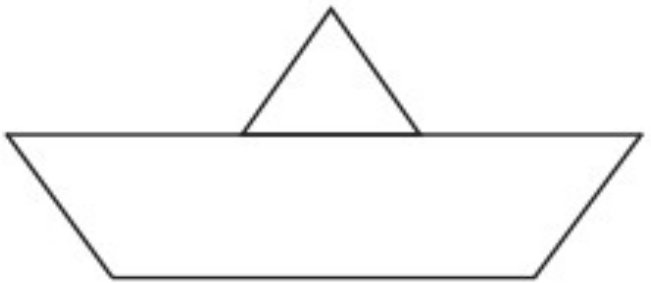
And the largest? <OMN

Write the names of all these in order of their sizes.

<GHI , <DEF , <ABC , <OMN

Let's do

- How many angles are there in this picture?



- The floor plan of a house is as shown on the right.

  2 metres in the actual floor is taken as 1 centimetre in this plan.

  Can you draw it in your notebook, taking 1 centimetre for 1 metre?