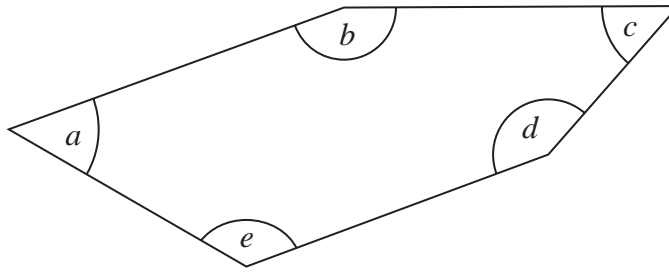


23 Here is a pentagon.



Angle  $a$  = angle  $c$

Angle  $b = 155^\circ$

Angle  $d$  is three times the size of angle  $c$

Angle  $e$  is two times the size of angle  $c$

Work out the size of angle  $a$