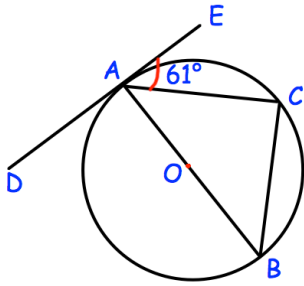


20th August



Corbettmaths



Angle CAE is 61° .

Find angle BAC.

Find angle ABC.

AB is the diameter. DE is a tangent at A.

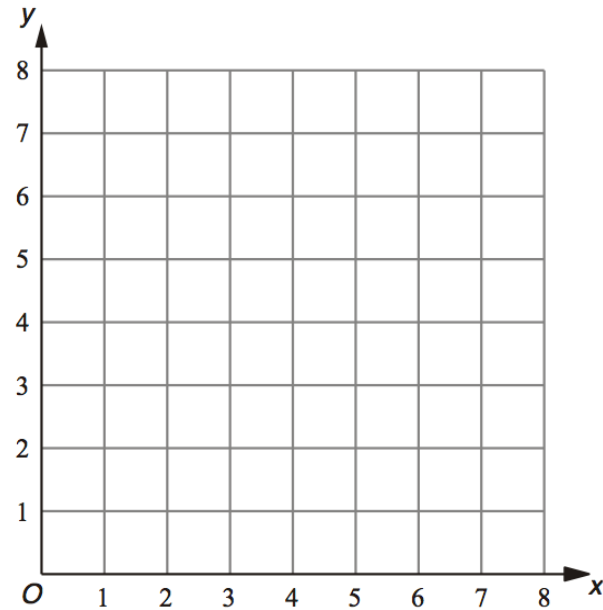
A region R satisfies the inequalities

$$x + y \leq 5$$

$$x > 3$$

$$y \leq 1$$

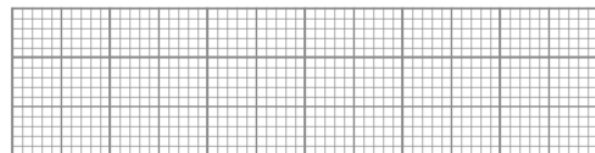
Show this region on the grid.



Make w the subject of

$$8(w - 3a) = 3w + 7$$

| | |
|----------------|-------|
| Lowest | 68kg |
| Lower Quartile | 74kg |
| Median | 82kg |
| Upper Quartile | 88kg |
| Highest | 100kg |



Draw a box plot to show this information