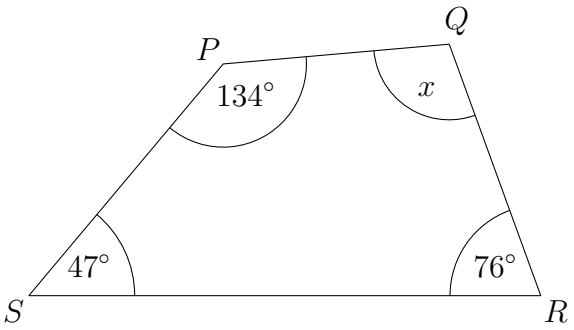
1.



(i) Work out the size of the angle marked x.

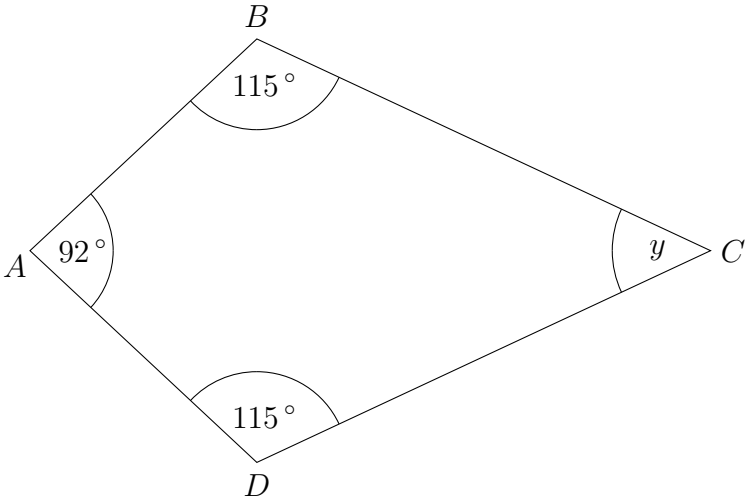
..... °

(ii) Give a reason for your answer

.....

.....

2.



(i) Work out the size of the angle marked y.

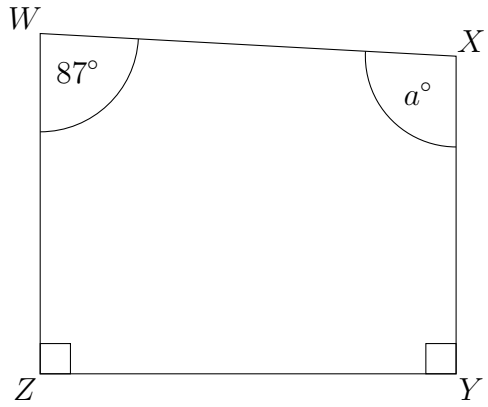
..... °

(ii) Give a reason for your answer

.....

.....

3.



(i) Work out the value of a.

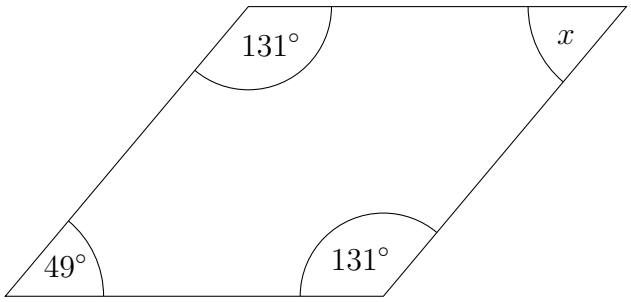
$a =$ .....

(ii) Give a reason for your answer

.....

.....

4.



(i) Work out the size of the angle marked x.

..... °

(ii) Give a reason for your answer

.....

.....

Answers

1. (i) 103 ° (ii) minimal acceptable wording: angles ... quadrilateral ... 360
2. (i) 42 ° (ii) minimal acceptable wording: angles ... quadrilateral ... 360
3. (i) $a = 93$ ° (ii) minimal acceptable wording: angles ... quadrilateral ... 360
4. (i) 49 ° (ii) minimal acceptable wording: angles ... quadrilateral ... 360