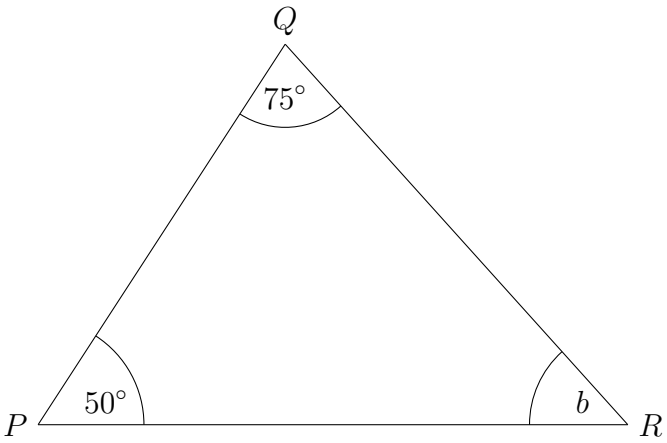
1.



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

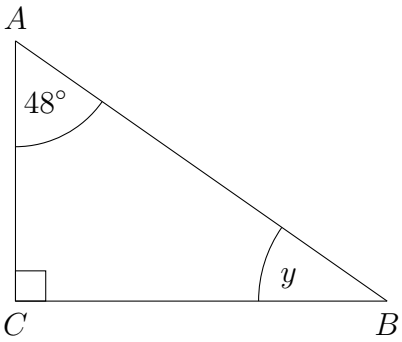
..... °

(ii) Give a reason for your answer

.....

.....

2.



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

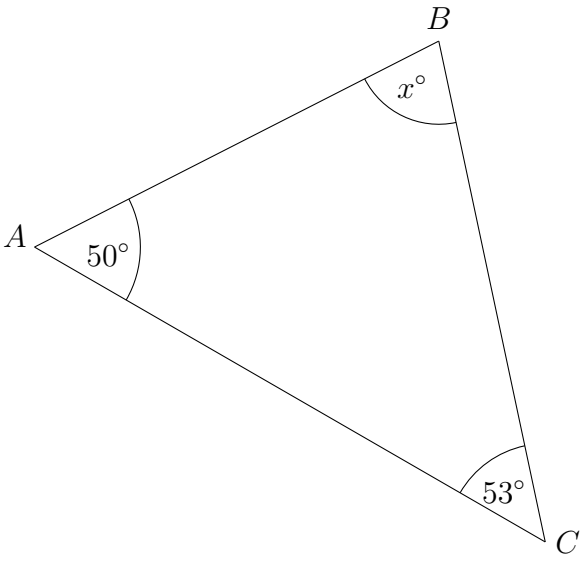
..... °

(ii) Give a reason for your answer

.....

.....

3.



(i) Work out the value of x.

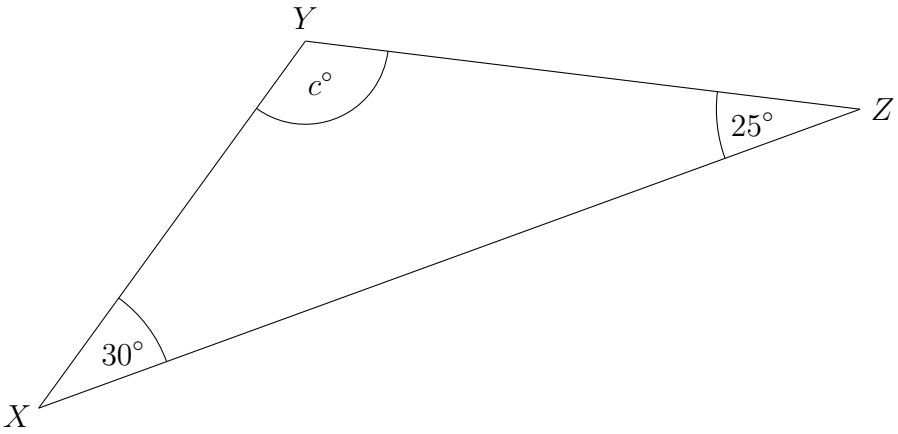
$x =$ .....

(ii) Give a reason for your answer

.....

.....

4.



(i) Work out the value of c.

$c =$ .....

(ii) Give a reason for your answer

.....

.....

Answers

1. (i) 55 ° (ii) minimal acceptable wording: angles ... triangle ... 180
2. (i) 42 ° (ii) minimal acceptable wording: angles ... triangle ... 180
3. (i) $x = 77$ ° (ii) minimal acceptable wording: angles ... triangle ... 180
4. (i) c =125 ° (ii) minimal acceptable wording: angles ... triangle ... 180