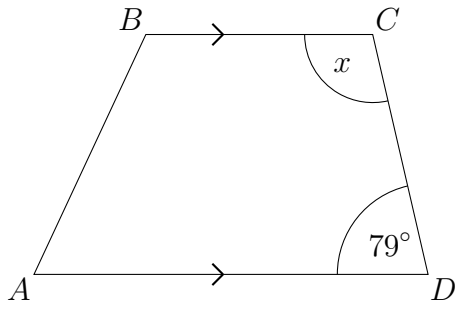


1.



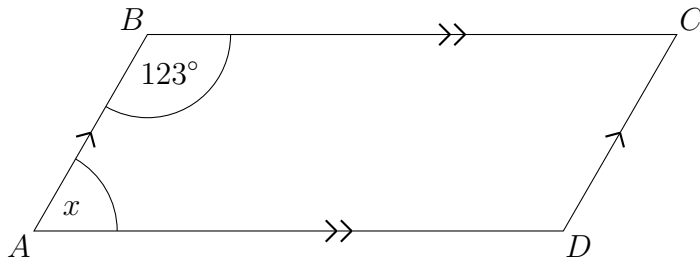
(i) Work out the size of the angle marked x.

.....°

(ii) Give a reason for your answer

.....  
.....

2.



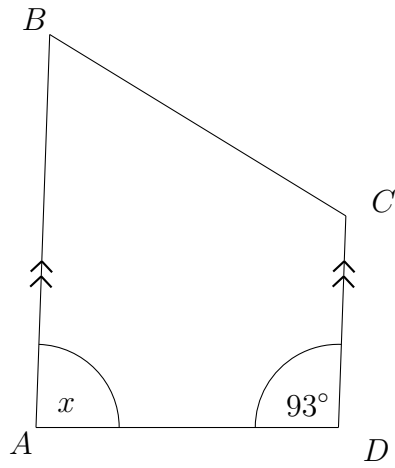
(i) Work out the size of the angle marked x.

.....°

(ii) Give a reason for your answer

.....  
.....

3.



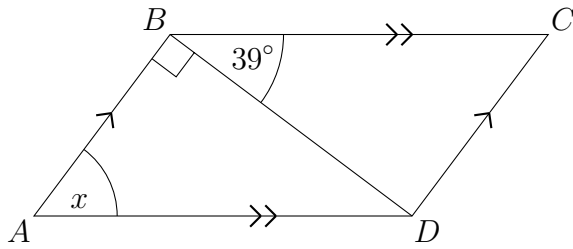
(i) Work out the size of the angle marked  $x$ .

.....<sup>o</sup>

(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. 101 and reason: co-interior angle total 180 OR  
corresponding angle and angles on a straight line total 180
2. 57 and reason: co-interior angle total 180 OR  
corresponding angle and angles on a straight line total 180
3. 87 and reason: co-interior angle total 180 OR  
corresponding angle and angles on a straight line total 180
4. 51 and reason: co-interior angle total 180 OR  
corresponding angle and angles on a straight line total 180