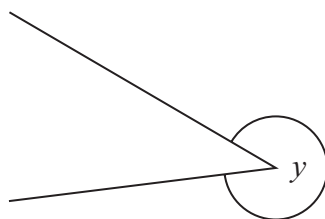


Angles

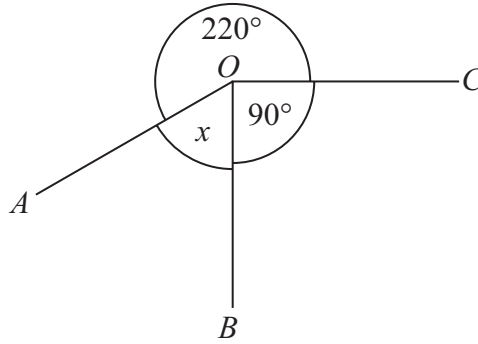
- 3 Write down the mathematical name for the type of angle marked y .



.....
(Total for Question 3 is 1 mark)

June 2024 Paper 1

8 OA , OB and OC are three straight lines.



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

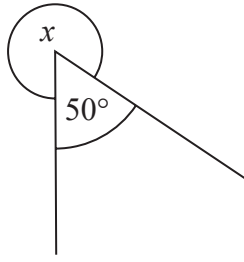
.....
(2)

(ii) Give a reason for your answer.

.....
.....
.....
(1)

(Total for Question 8 is 3 marks)

8



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

.....
(2)

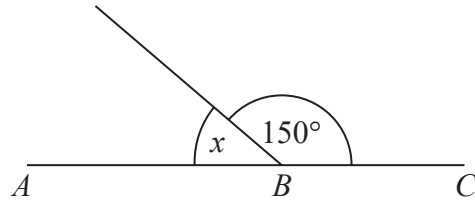
A student says that an angle of 50° is an obtuse angle.

The student is wrong.

(b) Explain why.

.....
.....
(1)

.....
(Total for Question 8 is 3 marks)



ABC is a straight line.

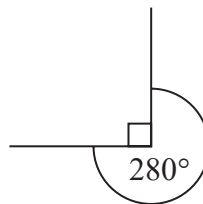
(a) (i) Work out the size of the angle marked x .

.....
(1)

(ii) Give a reason for your answer.

.....
.....
.....
(1)

The diagram below is wrong.

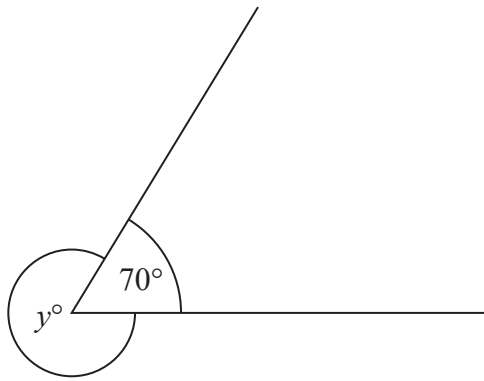


(b) Explain why.

.....
.....
.....
(1)

(Total for Question 8 is 3 marks)

9



(a) Find the value of y .

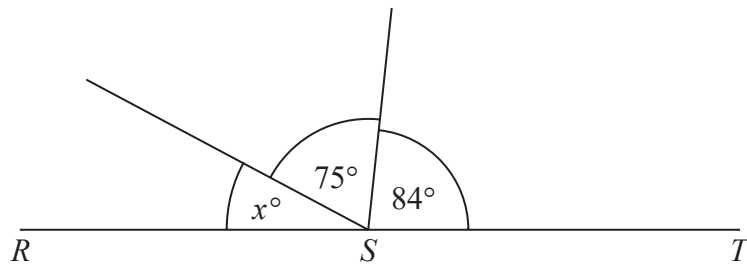
$y = \dots\dots\dots$
(1)

(b) Give a reason for your answer.

.....
.....
.....
(1)

(Total for Question 9 is 2 marks)

13



RST is a straight line.

(i) Work out the value of x .

.....
(2)

(ii) Give a reason for your answer.

.....
.....
.....
(1)

(Total for Question 13 is 3 marks)

November 2021 Paper 3

15 Jenna measures all the angles around a point.

Her results are 23° , 145° , 23° and 69°

Explain why these results cannot be true.

.....

.....

.....

(Total for Question 15 is 1 mark)
