



Exit Ticket T2 - Loci

Name:

Date:

AQA
Assessment and Quality Assurance

A point P is always 8 cm from a fixed point X .
Which is the locus of P ?

- A Circle of radius 8 cm, centre P
- B Circle of radius 8 cm, centre X
- C Circle of diameter 8 cm, centre X
- D Circle of diameter 8 cm, centre P

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Correct Answer: A B C D

Explanation:

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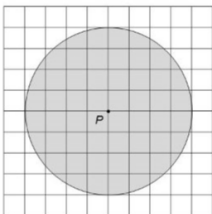
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Which statement describes the shaded region?



1 cm

- A Less than 4 cm from P
- B Less than 8 cm from P
- C Greater than 4 cm from P
- D Exactly 4 cm from P

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Correct Answer: A B C D

Explanation:

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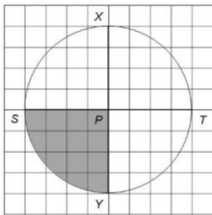
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The diagram shows a circle of radius 4 cm, centre P .
 ST is a horizontal diameter.
 XY is a vertical diameter.



1 cm

Which statement describes the shaded region?

- A Less than 4 cm from P , closer to S than T , closer to X than Y
- B Less than 4 cm from P , closer to T than S , closer to Y than X
- C Less than 4 cm from P , closer to S than T , closer to Y than X
- D More than 4 cm from P , closer to S than T , closer to Y than X

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Correct Answer: A B C D

Explanation:

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