Worksheet B

Know Circles

Level 1 Level 2 Level 3

I Yang Yi folds a circle into four equal parts. Then he unfolds the circle.

a The folds meet at a point.
This point is called the _centre_ of the circle.

b Mark the centre of the circle.

Level 1 **Level 2** Level 3

2 Eddy draws three lines from the centre of the circle.
Are the three lines equal? How can you be sure?
Yes. The length of the lines from the centre
to any point on the curved line of a circle is
equal. Eddy can use a string to help him
measure the length of the line.

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3 Shu Li draws two lines in the circle.

Is Point A the centre of the circle? How do you know?

No. The two lines are not equal. Point A is the centre of the circle only if lines drawn from every point on the curved line of the circle to the centre are equal in length.

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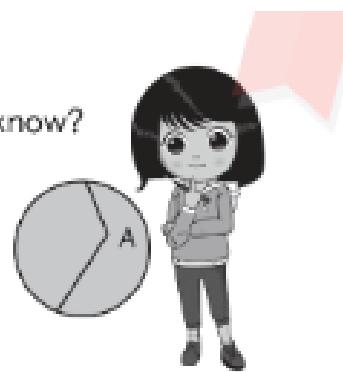
4 Priya cuts the shape below from a circle.

Point C lies in the centre of the circle.

Line B

Line A

C
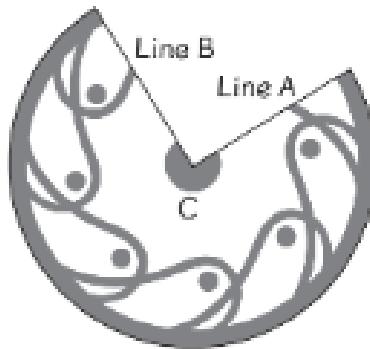
What can you say about the length of Line A and Line B? How do you know?

The length of Line A and Line B are equal. The length of the lines from the centre of a circle to any part of the curved line is equal.