

Thinking Cap

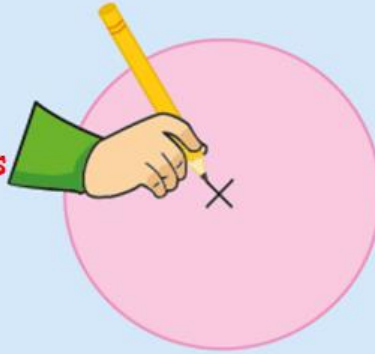


Izzy draws the shape of the hula hoop.

Is Izzy pointing at the centre of the circle? **yes**

How do you find out?

Fold a circular paper into four equal parts to help you.

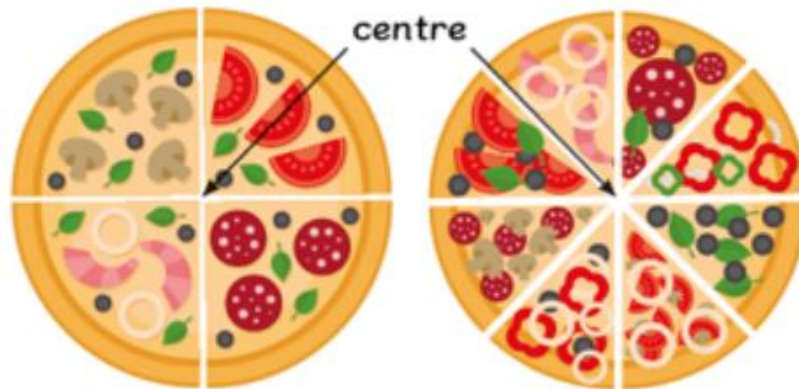


Measure the length between X and a few points on the circle. If they are equal, then X is the centre.

Eddy has two pizzas.

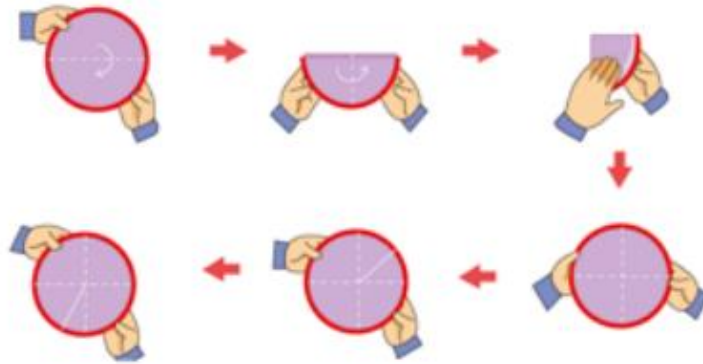
He cuts each pizza into equal parts as shown below.

The cuts for each pizza meet at a point.



This point is the **centre** of the pizza.

Caz folds and then unfolds a circle.
She pins a ribbon from the centre to the circle.
She then moves the ribbon along the circle.



The distance from the centre to any point on the circle is the **same**.

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Let's Practise



- I Izzy draws two lines from the centre of the circle.
She says that the length of the lines are equal.
Write "true" or "false".
Discuss with your partner. _____

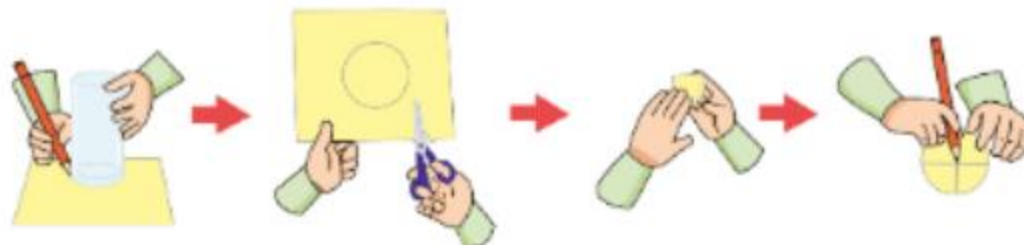


True

The distance from the centre of the circle to any point on the circle is the same.



- 2 Find an object in the shape of a circle.
Trace the circle and cut it out.
Then fold it into four equal parts.
Mark the centre of the circle with a dot.



What can you say about the centre of this circle?

Activity was done in the class

- 3 The three lines on the circle meet at point A.
Do you think point A is the centre of the circle?
Explain why.



The 3 lines are not of the same length. They meet away from the centre of the circle. So the point A is not the centre of the circle