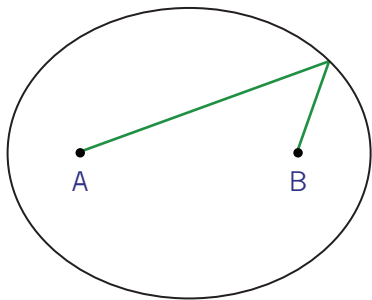
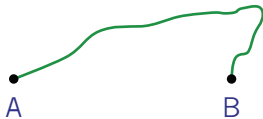


A piece of string, 10 cm long, is fixed to points A and B which are 6 cm apart.



The string is used to draw an ellipse.

Point A is moved 2 cm to the left and the ellipse is drawn again.

Does this increase or decrease the area of the ellipse? By how much?