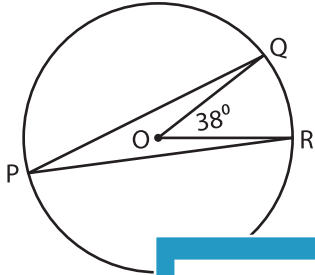


# Central and Inscribed Angles

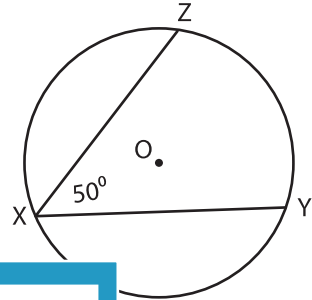
A) Find the measure of the intercepted arc in each circle.

1)



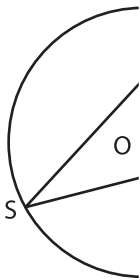
Intercepted arc QR = \_\_\_\_\_

2)

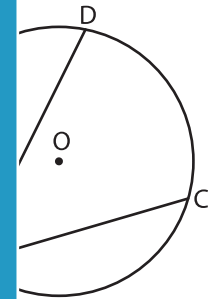


Intercepted arc YZ = \_\_\_\_\_

3)



Intercepted arc TU = \_\_\_\_\_



Intercepted arc CD = \_\_\_\_\_

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B) 1) What is the measure of the intercepted arc if the inscribed angle measures  $143^\circ$ ?

- a)  $151^\circ$                       b)  $138^\circ$                       c)  $166^\circ$                       d)  $143^\circ$

2) What is the measure of the intercepted arc if the inscribed angle measures  $34^\circ$ ?

- a)  $43^\circ$                       b)  $68^\circ$                       c)  $73^\circ$                       d)  $58^\circ$