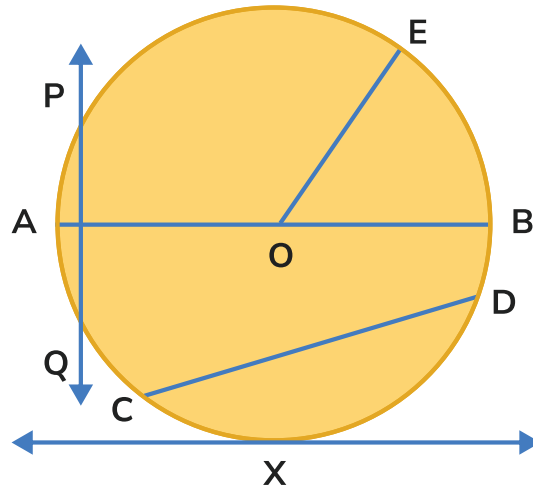


# Circles Worksheet

Name:

Date:



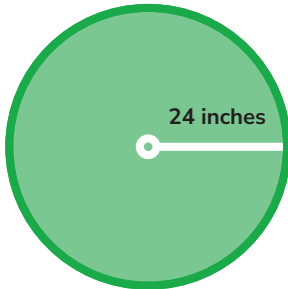
<sup>1</sup> In the picture above, which line segment is the radius?

<sup>2</sup> In the picture above, which two lines are the secant and tangent?

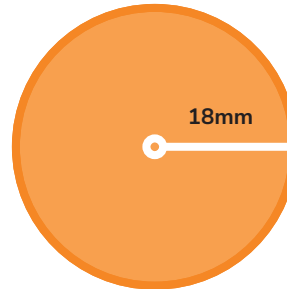
<sup>3</sup> In the picture above, which line is the diameter?

Solve the following problems.

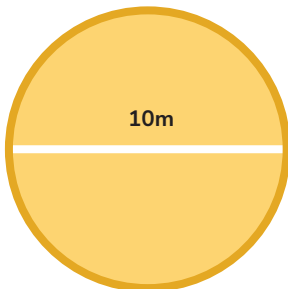
<sup>4</sup> What's the area of a circle with a radius of 24 inches?



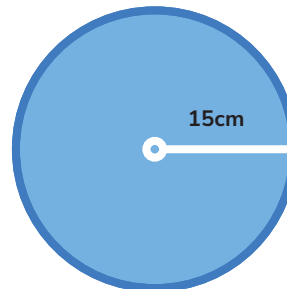
<sup>5</sup> If a circle has a radius of 18 millimeters, what's the area?



<sup>6</sup> Calculate the circumference of a circle with a diameter of 10 meters



<sup>7</sup> Find the area of a circle with a radius of 15 centimeters.



- 8 Sarah is planning to create a circular garden in her backyard. She wants to know the radius of the garden to purchase the right amount of fencing. She measures the circumference of the circular area and finds it to be 31.4 feet. If she wants to find the radius of the garden, what formula should she use, and what is the radius of her circular garden?

