**Teacher: Mrs. Wright Subject: 7th Grade Math Dates: Week 3 (5/4 to 5/8) 7-12 Weekly Planner** *Welcome to our Distance Learning Classroom!* **Student Time Expectation per day: 30 minutes**

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| **Content Area**  **& Materials** | **Learning Objectives** | | **Tasks** | | **Check-in Opportunities** | | **Submission of Work for Grades** | |
| **7th Grade Math**  **Paper Packet**   * Lesson 11-1, 11-2, and 11-3 Notes * Lesson 11-1, 11-2, and 11-3 Homework   **Online Work**   * Lesson 11-1, 11-2, and 11-3 Videos * Lesson 11-1, 11-2, and 11-3 Digits Assignments | **Essential Question:** What is the relationship between the area of a circle and the circumference of a circle?  **Students will…**   * Identify parts of a circle (center, diameter, and radius) * Calculate the area and circumference of a circle (using , 3.14, and ) | | **Paper Packet**   * Review the notes * Complete the homework assignments   **Online Work**   * Watch the videos * Complete the Digits assignments | | Mrs. Wright will be available during office hours at the times indicated below. You can reach Mrs. Wright during these office hours via:   * Zoom link provided via email * Email: [mwright@tusd.net](mailto:mwright@tusd.net) * Phone number:   (209) 597-8776 | | Students are expected to complete all three homework assignments. They must answer all questions to receive full credit.   * If you are turning in the paper packer, then PLEASE MAKE SURE YOUR NAME IS ON YOUR PAPER! * If you are doing your work on the Digits website, then PLEASE MAKE SURE TO PRESS “SUBMIT MY WORK”! | |
| **Scaffolds & Supports** | The notes/videos contain definitions, examples, and steps to follow when solving problems. | | | | | | | |
| **Teacher Office Hours** | **Monday**  9-10 am  and  3-4pm | **Tuesday**  9-10 am  and  3-4pm | | **Wednesday**  9-10 am  and  3-4pm | | **Thursday**  9-10 am  and  3-4pm | | **Friday**  9-10 am  and  3-4pm |

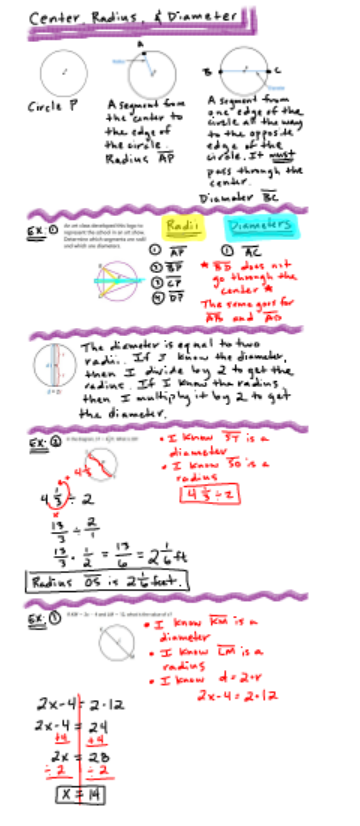
**Video Links**

* Lesson 11-1: <https://www.loom.com/share/f502355e66bd468e9377fe744734bb47>
* Lesson 11-2: <https://www.loom.com/share/34adae840bd24a88950bf09187e0cdef>
* Lesson 11-3: <https://www.loom.com/share/2963400381cc4eaba0edfff1f681ba49>

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| [https://cdn.loom.com/sessions/thumbnails/24e88282c5a14541ac5a5ac0ea96ad24-00001.gif](https://www.loom.com/share/2963400381cc4eaba0edfff1f681ba49) | [Lesson 11-3 Video](https://www.loom.com/share/2963400381cc4eaba0edfff1f681ba49)  Check out a video I made via Loom  [www.loom.com](http://www.loom.com) |

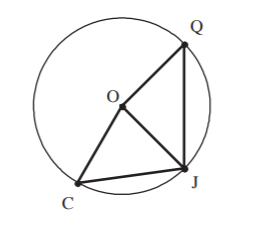
**Zoom Links**

* Morning Office Hours (9:00 - 10:00): <https://zoom.us/j/346712980?pwd=ZmxaN1ZramsxRGVnWU41a1dzMW5JZz09>; Meeting ID # is 346-712-980; Password is 213494
* Afternoon Office Hours (3:00 - 4:00): <https://zoom.us/j/171825496?pwd=eVJHMFpIRzFiS2RDT25RSHhvcjM0dz09>; Meeting ID # is 171-825-496; Password is 892194



**Lesson 11-1 Homework**

1. What are the radii of the circle shown with O as the center?

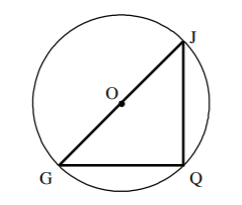
❍ A. , , and

❍ B. , , and

❍ C. , , and

❍ D. , , and

1. Which is the diameter of the circle shown?

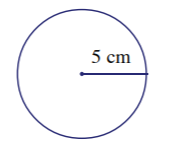
❍ A.

❍ B.

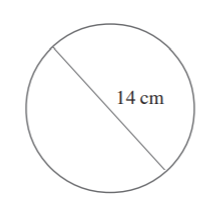
❍ C.

❍ D.

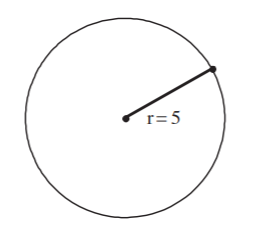
1. Find the length of the diameter of the circle.



1. The length of the diameter, d, of the circle is 14 cm. Find the length of the radius, r, of the circle.

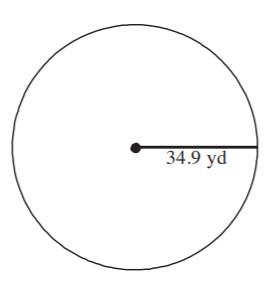


1. The radius of a circle is 5 cm. 3x + 7 represents the length of the diameter.

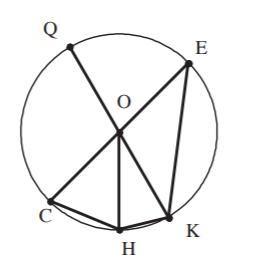
a) Write an equation for x.

b) Find the value of x.

1. Writing Find the diameter of the circle.



1. Which segment(s) of the circle are diameters? Check all that apply.

❑ A.

❑ B.

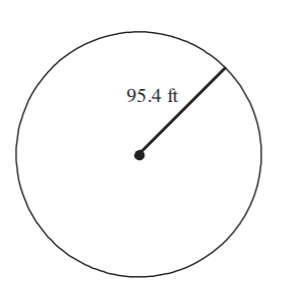
❑ C.

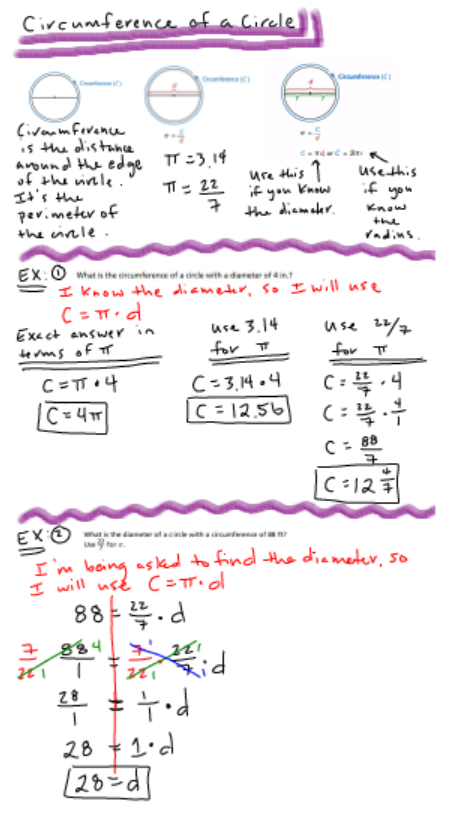
❑ D.

❑ E.

❑ F.

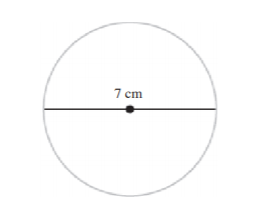
1. Find the diameter of the circle.





**Lesson 11-2 Homework**

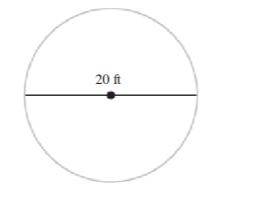
1. Find the circumference of the circle. Write an exact answer in terms of



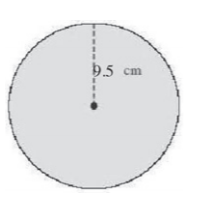
1. Find the circumference of the circle. Write an exact answer in terms of .



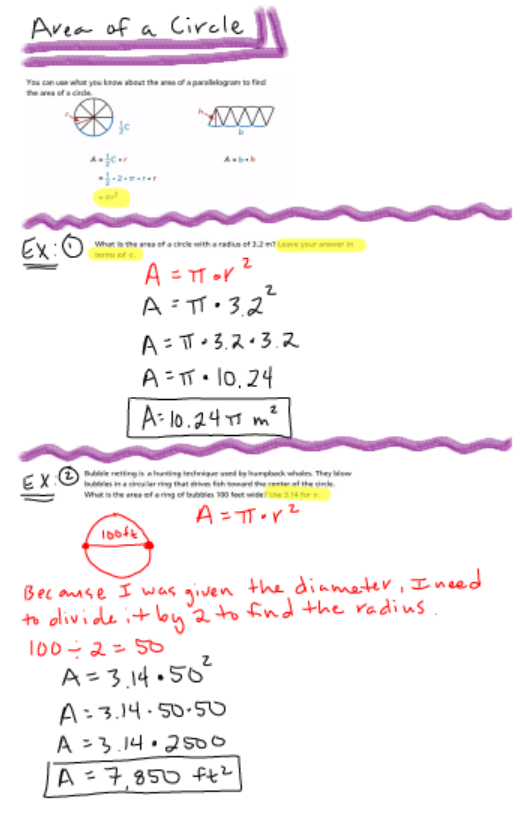
1. Find the circumference of the circle. Use 3.14 for . Write an integer or decimal rounded to the nearest hundredth as needed.



1. Find the circumference of the circle. Use 3.14 for . Round to the nearest hundredth as needed.

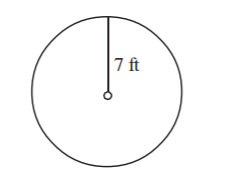


1. Find the diameter of the circle with the circumference C = 27 cm. Use 3.14 for . Round to the nearest tenth as needed.
2. The distance around a meteor crater is 9,687 ft. Find the diameter of the crater. Use for . Write an integer or decimal rounded to the nearest tenth as needed.
3. What is the diameter of a circle with a circumference of 29.6 ft? Use 3.14 for . Round to the nearest tenth as needed.
4. How much fencing is required to enclose a circular garden whose radius is 22 m? Use 3.14 for .
5. What is the diameter of a circle with a circumference of 132 ft? Use for .

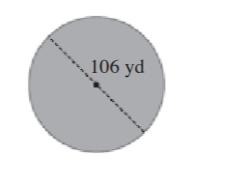


**Lesson 11-3 Homework**

1. Find the area of the circle. Use 3.14 for . Round to the nearest hundredth as needed.



1. A water sprinkler sends water out in a circular pattern. How large is the watered area if the radius of the watering pattern is 18 ft? Write an exact answer in terms of .
2. Find the area of the circle. Use 3.14 for . Round to the nearest hundredth as needed.



1. A certain coin is a circle with diameter 18 mm. What is the exact area of each side of the coin? Simplify your answer. Write an exact answer in terms of .
2. Find the exact area of the circle in terms of .

