Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_\_

**8.1B Circles and Circumference\_Classwork**

*Objective: find the perimeters of semicircles, find the circumferences of circles*

*CC.SS.7.G.4; MP8 Look for and Express Regularity in Repeated Reasoning* HW: 8.1B page 322\_#13-19 ALL

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| **SEMICIRCLE**  A semicircle is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  Perimeter is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  To find the perimeter of a semicircular region you \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | |
| 1. Find the perimeter of the semicircular region. Round answer to the nearest tenth and use 3.14 for pi. | 1. Find the perimeter of the semicircular region. Round answer to the nearest tenth and use 3.14 for pi. |
| 1. Find the perimeter of the semicircular region. Round answer to the nearest tenth and use 3.14 for pi. | 1. A wire is bent to form four semicircles. How long is the wire? Round to the nearest tenth and use 3.14 for pi.     **24 cm**  **24 cm** |
| 1. Find the circumference of both circles. Round answer to the nearest tenth and use 3.14 for pi.   Image result for two circles inside each other  2 cm   |  |  | | --- | --- | | Small Circle | Big Circle |   2 cm | |
| 1. Find the circumference of both circles. Round answer to the nearest tenth and use 3.14 for pi.   Image result for two circles inside each other   |  |  | | --- | --- | | Small Circle | Big Circle |   3 ft  1.5 ft | |
| 1. Find the circumference of both circles. Round answer to the nearest tenth and use 3.14 for pi.  |  |  | | --- | --- | | Small Circle | Big Circle |   Related image  12 m | |