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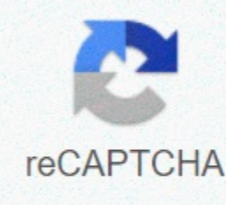
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Circumference and area of a circle practice worksheet

You are here: Home → Sheets → Circle This generator creates sheets to calculate the radius, diameter, circumference, or area of a circle if one of them (radius, diameter, circumference, or area) is listed. They can be made in PDF or html format. The options are numerous: you can choose metric or usual units or both, you can include or do not include simple circular images in problems, or accidentally leave some problems have a circular image and some do not. You can also choose either 3.14 or 3.1416 as the Pi value in the calculations, and then choose the rounding accuracy for the answers. Please change the different options to see what their effect is. After you generate a worksheet, you can only update the page from the browser window (or press F5) to get another worksheet with different problems, but using the same options. All sheets come with an answer key. You can print a worksheet directly from your browser or save it to disk by using the Save As in Browser command. If the issues on the worksheet don't fit on the page or there's not enough workspace, choose a smaller font, fewer mobile, or fewer problem columns. Examples of sheets (circumference, diameter, radius, circle area) Here is an undetermined way to prepare students for formal geometry. Key to Geometry workbooks introduce students to a wide range of geometric discoveries, as well as step by step. Using only a pencil, compass, and straight shape, students begin by drawing lines, cutting angles, and segment reproductions. Later, they make sophisticated structures involving more than a dozen steps - and are invited to create their own generalizations. At the end, students will be presented with 134 geometric terms and will be ready to deal with formal evidence. => More information If you see this message, it means that we are having trouble loading external resources on our website. If you're behind a web filter, make sure *.kastatic.org and *.kasandbox.org are unblocked. This circular worksheet is great for practicing the solution of the perimeter, area, radius and diameter of the circle. The worksheet creates 9 issues on the page. This sheet is a great resource for the fifth, sixth grade, 7th and 7th grades. Click here for more circular sheets Practice the questions listed in the worksheet about the circumference and area of the circle. Students can remember this topic and practice questions to get more ideas on how to find the circle circuit and circle area.1. Find the circumference of the circle whose radius is .... (a) 12 cm (b) 7.2 cm (c) 15 mm (Take π = 22/7) 2. Find the area of the circle whose diameter is .... (a) 28 cm (b) 10 cm (c) 6.8 mm (Take π = 22/7) 3. If the circumference of the circular sheet is 176 m, find its area. 4. circle is 616 cm². Find his perimeter. 5. From a circular sheet with a radius of 5 cm, a circle with a radius of 3 cm is removed. Find the area of the remaining worksheet. 6. Find the circumference of the adjacent figure, which is a semicircle including the diameter. 7. The diameter of the bike is 70 cm. How many times will the wheel rotate to cover a distance of 110 m? 8. The ratio of the radii of two wheels is 4 : 5. Find the ratio of their circumference. 9. The well with a diameter of 150 cm has a stone sill around it. If the length of the outer edge of the windowsill is 616 cm, find the width of the sill. 10. The thin wire is in the form of an egalitarian triangle of the side of 11 cm. Find the area of the circle, the circumference of which is equal to the length of the wire. 11. Find the area of the circle, the circumference of which is the same as the circumference of the square of the side 22 cm. 12. From a rectangular sheet measuring 20 cm by 30 cm, a circular sheet metal is cut as large as possible. Find the area of the remaining worksheet. 13. Two circles have areas in a ratio of 36 : 49. Find the ratio of their circumference. 14. Find the circumference of the wheel, the radius of which is 35 cm. Find the distance covered in 60 seconds if it spins 5 times per second. 15. The radius of the bike is 35 cm. Find the number of revolutions needed to cover a distance of 1540 m. 16. A road with a width of 3 m runs around the circular park, the circumference of which is 132 m. Find the cost of fencing the outer boundary of the road at $ 10 per m. 17. The circular flower bed is surrounded by a path with a width of 2.5 m. The diameter of the manhole is 40 m. Find the path area. 18. The square metal frame has a circumference of 208 cm. It is bent in the form of a circle. Find the circle area. 19. From a circular sheet with a radius of 18 cm, two circles of radii of 4.5 cm and a rectangle of 4 cm in length and a width of 1 cm; find the area of the remaining sheet. 20. Find the area of the circle written in the square of the page 20 cm. Answers to the circuit and circle area are given below to check the exact answers to the above questions. Answers: 1. a) 75³/₇ cm (b) 45.25 cm (c) 94²/₇ cm 2. a) 616 cm²(b) 78°/₇ cm² (c) 36.33 mm³3. 2464 m² 4. 88 cm 5. 50²/₇ cm² 6. 51.42 7. 50 8. 4 : 5 9. 23 cm 10. 86°/₆ cm² 11. 616 cm² 12. 285.71 cm² 13. 6 : 7 14. 660 m 15. 700 16. 1508.57 $ 17. 333.92 m² 18. 3441a/₁₁ cm² 19. 887 cm² 20. 314,2 cm². ● Mensuration - WorksheetWork on the area and perimeter of rectanglesWorker on the area and perimeter of squaresSoulness on the area of the pathWork on the perimeter and the area of the circleWorker on the face and perimeter of the triangle 7. Or you want to learn more about math-only mathematics. Google Search to find what you need. Instructions: Read each question below. Click once in the ANSWERS BOX and enter your answer; then click ENTER. When you click ENTER, the RESULTS box displays a message that says whether the response is correct or incorrect. To start over, click CLEAR. Use = 3.14 to calculate responses. 1. If the diameter of the circle is 142.8 millimeters, what is the radius? 2. If the radius of the circle is 15.3 centimeters, what is the diameter? 3. Find the circumference of a circle with a diameter of 11 millimeters. 4. Find the circumference of a circle with a diameter of 7.5 inches. 5. Find the diameter of the circle with a circumference of 21.98 meters. 6. Find the circle area with a radius of 4 inches. 7. Find the area of the circle with a radius of 3.5 centimeters. (Do not round. Enter a response to three decimal places.) 8. Find the radius of the 200.96 square foot circle. 9. If the radius of the circle is 1.5 inches, what is the circumference? 10. If the diameter of the circle is 9 centimeters, what is the area? (Do not round. Enter a response to three decimal places.) Radius and diameter (basic)Also on Super Teacher worksheets ... Geometry WorksheetsWorkers on angles, perimeter, face, lines, polygons and more! Symmetry LeavesConfigure lines of symmetry, identify symmetrical shapes and sketches of a symmetrical figure. Brain Teaser WorksheetsCan your students solve these brain bafflers? confused?