

Name : _____

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Area and Circumference of a Circle - Word Problems

Solve the following problems using the formulas of area and perimeter of a circle :

- 1 Sohan purchased a wall clock. The radius of the clock is 20 cm. What is the area and circumference of the wall clock ?

- 2 Pamela bought a new Fiat- four wheeler car. The radius of the wheel is 36 in. Find the area and circumference of the Fiat-wheel.

- 3 Ravi bought a big round drum for the evening party in christmas. The diameter of the drum is 33 in. Find the area and circumference of the drum.

- 4 Suppose you bought a circular rug with a diameter of 8 cm. Find the area and circumference of the rug.

- 5 Kriti has a circular swimming pool in her house. The radius of the swimming pool is 22.5 cm. Find the area and circumference of the pool.

- 6 Tony made cookies of circumference 45 cm. Find the area of each cookie made by tony.

Area Circumference Of A Circle Word Problems Worksheet

Judith A. Muschla, Gary R. Muschla



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Wacky Word Problems Lynette Long, 2005-01-07 Don't Just Learn Word Problems Master Them Brimming with fun and educational games and activities the Magical Math series provides everything you need to know to become a master of mathematics In each of these books Lynette Long uses her won unique style to help you truly understand mathematical concepts with common objects such as playing cards dice coins and every mathematician's basic tools paper and pencil Inside Wacky Word Problems you'll discover how to decode many different types of word problems from counting logic and percentage problems to distance algebra geometry and graphing problems in order to solve real world dilemmas While you play exciting games like Measurement Jeopardy and Percentage War you'll learn how to identify word cues develop reasoning skills and spot key formulas that will help you solve any problem with ease You'll also boost your math skills as you enter into crazy contests with your friends create mystery word problems and play word problem charades and have a great time doing it So why wait Jump right in and find out how easy it is to become a word problem master Also available in this series Dazzling Division Delightful Decimals and Perfect Percents Fabulous Fractions Groovy Geometry Marvelous Multiplication and Measurement Mania all from Wiley

The Math Teacher's Problem-a-Day, Grades 4-8 Judith A. Muschla, Gary R. Muschla, 2008-04-11 From bestselling authors Judith and Gary Muschla The Math Teacher's Problem a Day is a hands on resource containing 180 handy worksheets one for each day of the school year to help students in grades 4-8 acquire the skills needed to master mathematics These reproducible worksheets are perfect for sponge activities five minute challenges to start or end a class period that can also be used as supplemental lessons homework or extra credit With problems based on the Standards and Focal Points of the National Council of Teachers of Mathematics the book is designed to give students valuable practice in math skills using specific activities to enhance critical thinking and boost test scores The topics covered focus on the core math concepts and skills required for middle school students including Numbers and Operations Algebra Geometry Measurement Data Analysis Part of the 5 Minute Fundamentals series The Math Teacher's Problem a Day is an important resource that will help today's students understand more concepts make connections between branches of mathematics and apply math skills to a variety of real life problems

Measurement - Task & Drill Sheets Gr. 6-8 Chris Forest, 2011-02-17 Learn to use measurements in everyday life by converting and calculating area perimeter and surface area Our resource introduces the mathematical concepts taken from real life experiences and provides warm up and timed practice questions to strengthen procedural proficiency skills Convert heights of famous buildings from feet to meters Scale objects using 1 inch 1 foot or 1 cm 10 cm Learn how to read and understand a weather chart Convert standard and metric measurements Calculate the area and perimeter of shapes Determine the surface area of cubes Convert lengths into two new measurements The task and drill sheets provide a leveled approach to learning starting with grade 6 and increasing in difficulty to grade 8 Aligned to your State Standards and meeting the concepts addressed by the NCTM standards

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