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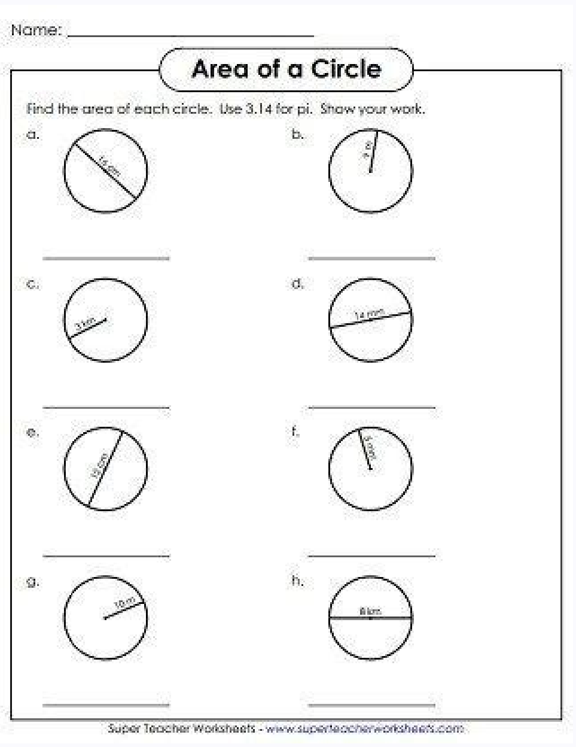
Circle radius and diameter worksheet



Name: ____________

Area of a Circle

Find the area of each circle. Use 3.14 for pi. Show your work.

a. ______ b. ______

c. ______ d. ______

e. ______ f. ______

g. ______ h. ______

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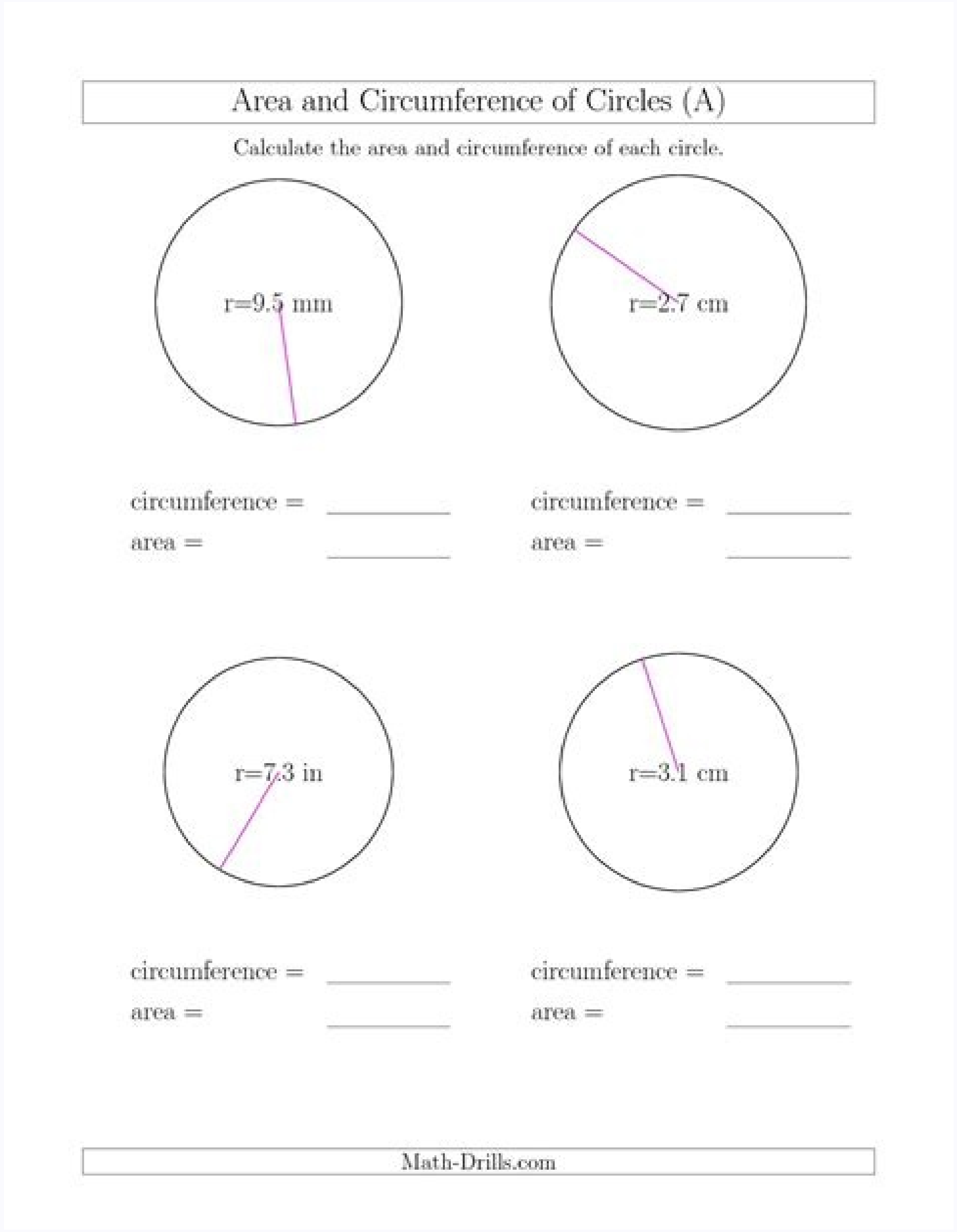

Area and Circumference of Circles (A)

Calculate the area and circumference of each circle.

r=9.5 mm
circumference = ______
area = ______

r=2.7 cm
circumference = ______
area = ______

r=7.3 in
circumference = ______
area = ______

r=3.1 cm
circumference = ______
area = ______

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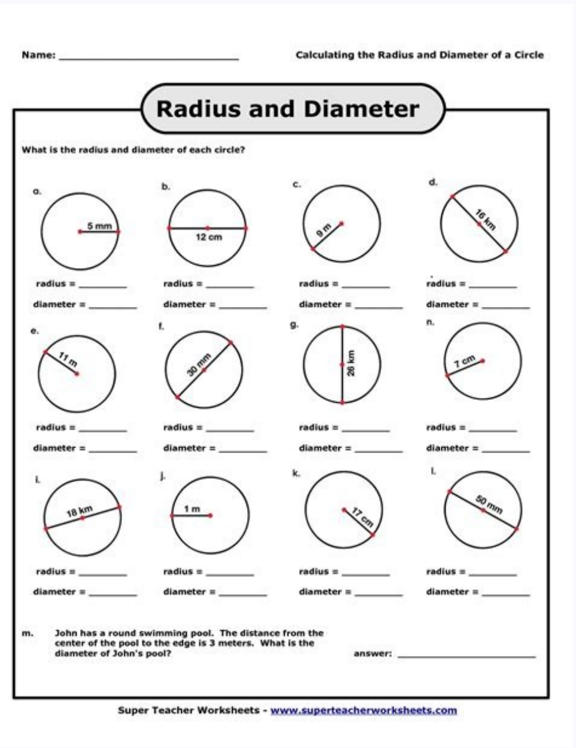

Name: ____________ **Calculating the Radius and Diameter of a Circle**

Radius and Diameter

What is the radius and diameter of each circle?

a. 5 mm
b. 12 cm
c. 9 m
d. 16 km
e. 11 m
f. 30 mm
g. 26 km
h. 7 cm
i. 18 km
j. 1 m
k. 17 cm
l. 50 mm

radius = ______
diameter = ______

m. **John has a round swimming pool. The distance from the center of the pool to the edge is 3 meters. What is the diameter of John's pool?**

answer: ____________

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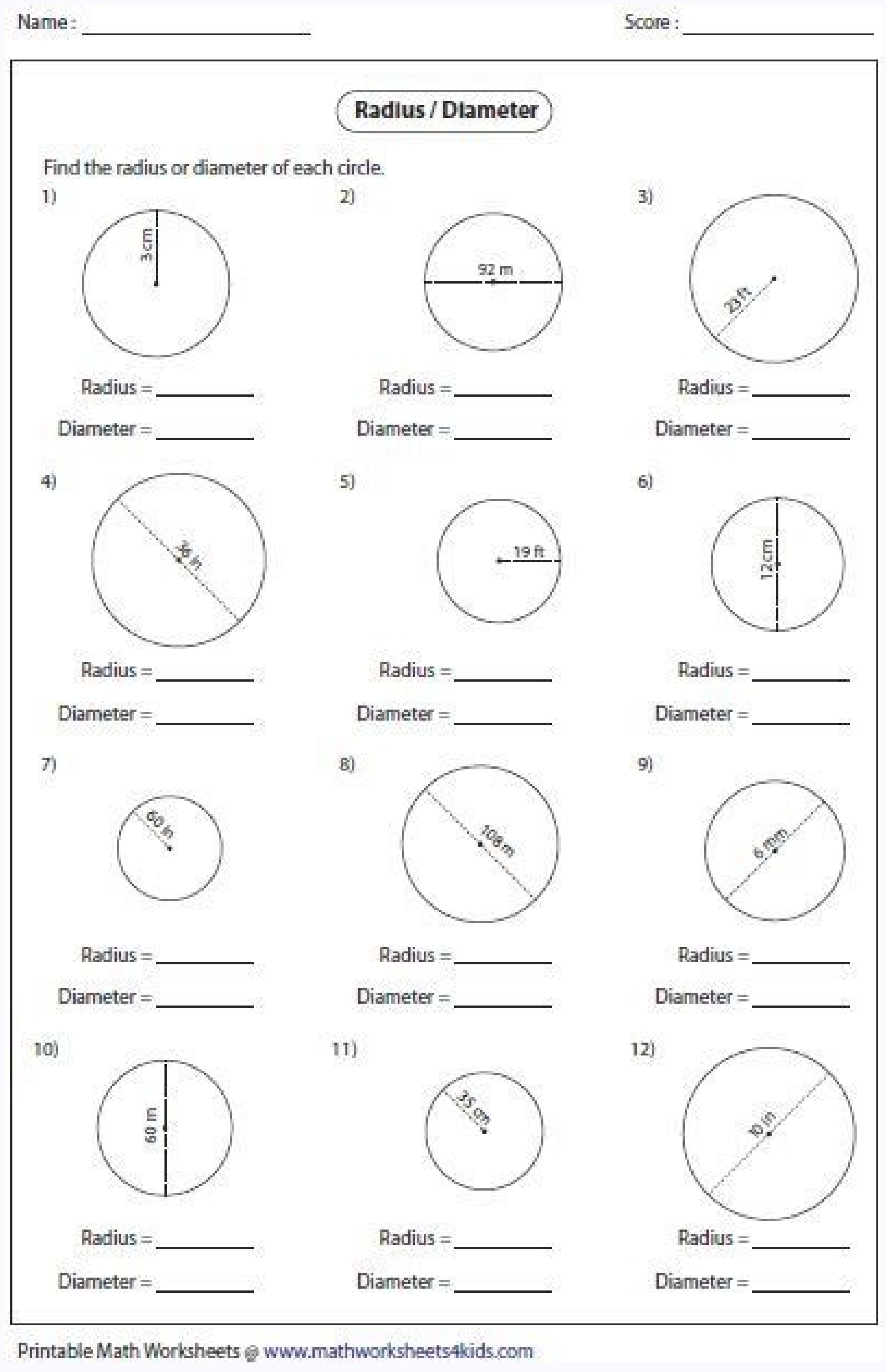

Name : ____________ Score : ____________

Radius / Diameter

Find the radius or diameter of each circle.

1) 3 cm
2) 92 m
3) 23 ft
4) 36 in
5) 19 ft
6) 12 cm
7) 60 in
8) 108 m
9) 6 mm
10) 68 m
11) 35 cm
12) 10 in

Radius = ______
Diameter = ______

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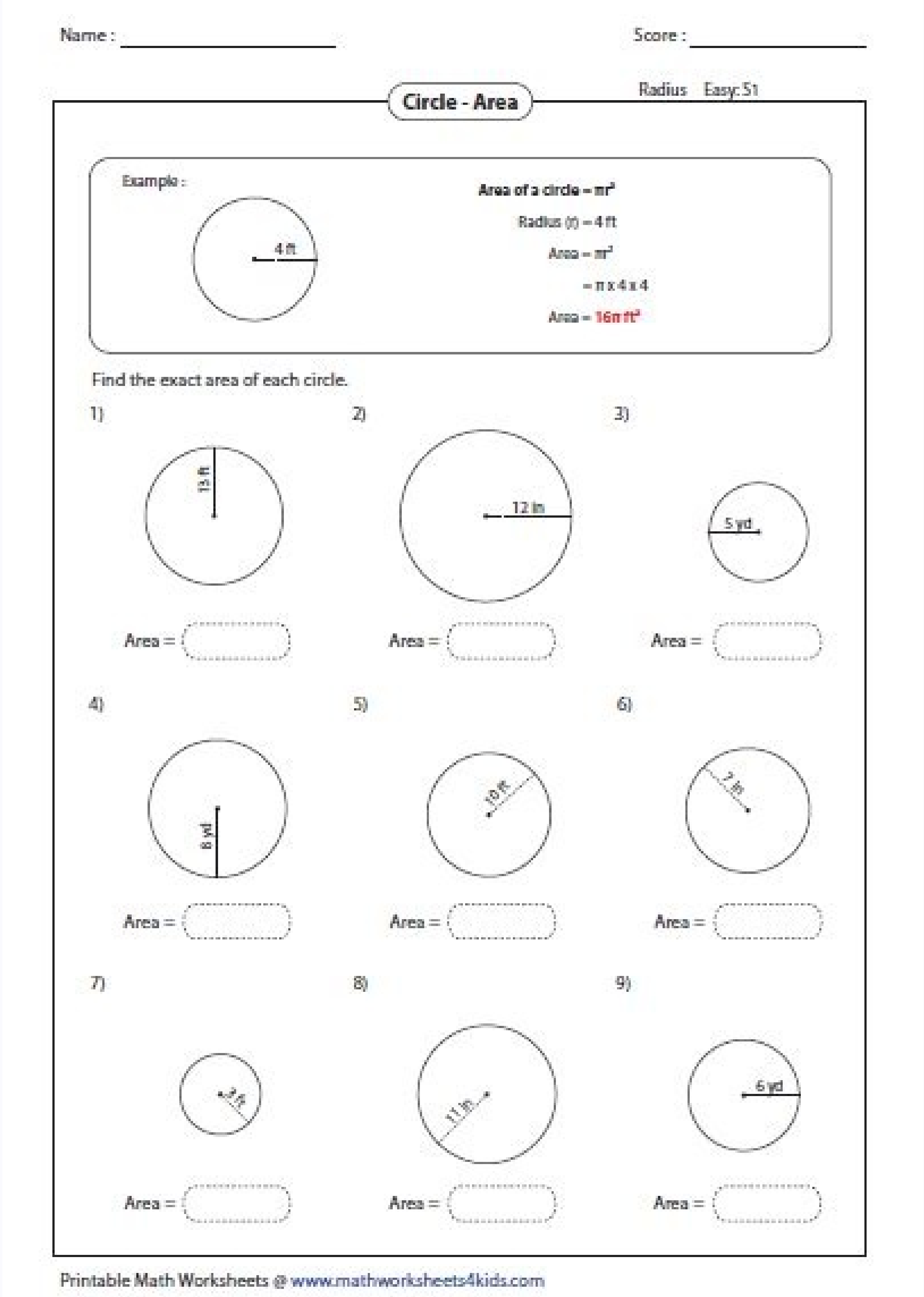

Name : ____________ Score : ____________

Circle - Area

Radius Easy: S1

Example :

4 ft

Area of a circle = πr^2

Radius (r) = 4 ft

Area = πr^2

= $\pi \times 4 \times 4$

Area = 16π ft^2

Find the exact area of each circle.

1) 13 ft Area =

2) 12 in Area =

3) 5 yd Area =

4) 8 yd Area =

5) 10 ft Area =

6) 7 in Area =

7) 3 ft Area =

8) 11 in Area =

9) 6 yd Area =

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Area circumference radius and diameter of a circle worksheet. Radius and diameter of a circle worksheet ks2. Identify the center radius and diameter of a circle worksheets. Find the diameter and radius of a circle with the given circumference worksheet. How to find the radius diameter and circumference of a circle worksheets. Area circumference radius and diameter of a circle worksheet pdf. Radius and diameter of a circle worksheet pdf.

Word problems included in a few worksheets. The worksheet will produce 9 problems per page. Here are the three-owned granes of 76 rigorous mathematical tests called MQs. Here is a description: These MQs, or mathematical quizzes, cover a mirability of mathematical concepts of the fifth degree (and even some of the sixth degree) including, but not limited to, ADIU , Subtractment, multiplication, division, estimation, cousins and compounds, decimals, exponents, position value, word problems, fractions, percentages, Gcf (Biggest common factor), L.C.M. (Minor Common Multiple), Patterns, Geometry, Volume, Mother, MediaPágina 2 This free spreadsheet Contains simple, black and white research of PI-related words: Circle, Circumference, Day, Decimal, Diá Metro, four, irrational, measurement, multiply, number, one, point, radius, reasons, square, three. Finding the Radius and Diameter: Easy Depicting Circles With Whole Number Measures, this set of child printful tasks to find the radius using the diaries or the diameter using the radius. Each type has three levels of difficulty. Pieces Identification: Each work sheet has 9 problems to identify the basic pieces of a circle, such as center, ray and diaries. This is a great activity for Pi Day (March 14), especially for younger students who may not be able to do much with mathematically. For manual calculation purposes, it is assumed that the PI is 3.14 when it solves these problems. These leaflets are ideal for children of the 4th and 5th year. This workfeit is a great resource for the 5th, 6th, 7th and 8th year. The rear worksheets in this section require the student to work back from the area or circumference to determine the diameter and radius of a circle. Some of the topics include, but are not limited to, addiction, subtraction, multiplication, e e emirp ,avitamitse numbers, decimals, exponents, place value, word problems, multiplicatives, rounding, fractions, patterns, geometry, average, median, mode, range, factors, probability, peri, Radius and Diameter (Basic)Also in Super Teacher Worksheets...Geometry worksheetsSheets on angles, perimeter, area, lines, polygons, and more!Symmetry WorksheetsLocate lines of symmetry, identify symmetrical shapes, and sketch symmetrical figures.Brain Teaser WorksheetsCan Your Students Solve These Brain Confusions? (21 Worksheets) Segment Area A free printable worksheet is designed to practice segment area using the sector, triangle and central angle to help you refresh your understanding of segments of a circle. (12 Worksheets) Circumference and Area of a Circle This page contains about 100 worksheets based on the area and circumference of a circle to provide much needed practice for children in grades 5 through 8. Even if these two values have a very simple relationship, simple worksheets that practice calculating one from the other can help cement this knowledge before moving on to more complicated circle operations, such as calculating area and circumference. Remember, we call the name of a circle by its center. Coloring, tracing and drawing circles Drawing a circle freehand is definitely a complicated task for children. Click here for More Circle Spreadsheet Math Worksheets to calculate the radius from the diameter, diameter from the radius or radius, and diameter from the area or circumference.When first studying circles, many students often confuse the diameter and radius. It also contains the central angle and the radius of the finding using the arc length and sector area. Train them step by step with our color, stroke and drawing circle worksheets. 3 These mega mathematical analysis (22 in all, including the response keys) cover a mirability of Thursdays of Thursday (and Friday) SÃ © Rie that continually provide a spiral spiral .strap.strp, cisab, htgna, tnaces, drohc, tgnat sa hcus elcric a fo strap gniyfitnedi snitnoc, sihT etardoM:straP gniyfitnedI.rotces fo aera dnhtgnil cra no desab steehskrow lohcs hgih fo seires a sniatnoc egsihT rotceS a foAA (steehskroW8)!crihtiw seitgnitenseitensten, aSeagne, aNgA, aWertA, aAAAAAPrednegra, a c5000000000000000000000000000000000000000000000000000000000000000000000000000000300000000000000000000000000000000000000000000seitivitca serutaif steehskrow yaD2iP fo noitalipmoc@albtnirp4hT0yaD0iP (steehskroW99).esicrexe7etelpmoc2yb suidar7tYlpitlumNa2yb retemaid7ediviD.stpecnoc7htam surimun retsam dna yfidilos

A circle is a closed curve that is made of points that are the same distance from the center.. A radius of a circle is a line segment that connects the center to a point on the circle.. A chord is a line segment that connects two points on the circle.. A diameter of a circle is a line segment that passes through the centre of the circle, connecting two points on the circle. Radius of the circle is equal to length of the rope. Then, the radius is = 3.5 m = 7/2 m. Area grazed by the goat is equal to the area of the circle with radius 7/2 m. Maximum area grazed by the goat is = π r 2 = (22/7) x (7/2) x (7/2) = 77/2 = 38.5 sq. m. Example 7 : The circumference of a circular park is 176 m. Find the area of the park. Radius, diameter, circumference and area are all related measurements; you only need one of them to find the remaining measurements. Diameter and radius are the simplest ones because the diameter of a circle is twice the radius and, conversely, the radius is half the diameter. The radius will always meet a tangent to the circle at 90\degree. A tangent (a line touching a single point on the circumference) will always make an angle of exactly 90\degree with the radius. You can say that a tangent and radius that meet are perpendicular to each other. Example 1: In the given circle, O is the center, and AB which is the chord of circle is 16 cm. Find the length of AD if OM is the radius of the circle. Solution: We know that the radius of a circle is always perpendicular to the chord of a circle and it acts as a perpendicular bisector. Therefore, AD = 1/2 × AB = 16/2 = 8. Therefore, AD = 8 cm. Circle Worksheet Circles. Share this page to Google Classroom. Objective: ... If he ran a total distance of 750 m, what is the diameter and radius of the field? diameter = m radius = m 3) Elena cycled to school. Find the distance travelled by Elena if her bicycle wheels rotated 840 times and the radius is 0.25 m. Full coverage of the opening ceremony of the Vancouver 2010 Winter Olympics featuring incredible sporting, artistic and musical performances to mark the begi...

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