Grade 3 CCSS.3.NBT.A.1

Name: _____ Date: _____

Rounding to the Nearest Ten and Hundred

When rounding to the nearest ten, follow these steps.

Step	Example
1. Circle the place value you are rounding to. If rounding to the nearest ten, then circle the digit in the tens place.	(6)2
2. Underline the digit to the right in the ones place.	(6)2
3. To the left and right of the number, write the tens that the number comes between.	60 (6)2 70
4. Look at the underlined digit. If it is between 1 and 4, then the number rounds down; draw an arrow to the lower ten. If it is between 5 and 9, then the number rounds up; draw an arrow to the greater ten.	60 ← (6)2 70

Find your place and look next door.
If 4 or less, let it rest.
If 5 or greater, add one more.

When rounding to the nearest hundred, follow these steps.

Step	Example
1. Circle the place value you are rounding to. If rounding to the nearest hundred, then circle the digit in the hundreds place.	(2)72
2. Underline the digit to the right in the tens place.	(2)72
3. To the left and right of the number, write the hundreds that the number comes between.	200 (2)72 300
4. Look at the underlined digit. If it is between 1 and 4, then the number rounds down; draw an arrow to the lower hundred. If it is between 5 and 9, then the number rounds up; draw an arrow to the greater hundred.	200 (2)72 300 →

Try it! **What is 349 rounded to the nearest hundred?** **300** **349** **400**

Remember: If the underlined digit is a zero, then the number will stay the same.

Practice

Fill in the blanks with the nearest ten.

1. **32** _____
2. **87** _____
3. **514** _____

Fill in the blanks with the nearest hundred.

1. **255** _____
2. **137** _____
3. **709** _____

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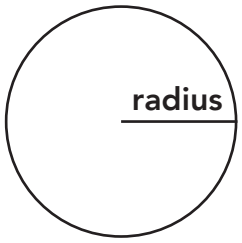
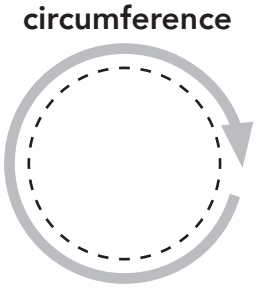
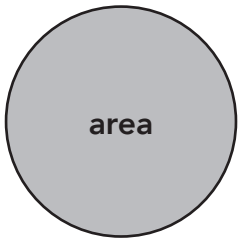
Grade 7 CCSS.7.G.B.4

Name: _____ Date: _____

Area and Circumference of Circles

		
The **radius** (***r***) is the distance from the middle of the circle to the edge of the circle.	The **circumference** (***C***) is the distance once around the outside of the circle. It can be found using the formula $C = 2\pi r$.	The **area** (***A***) is the space occupied inside the circle. It can be found using the formula $A = \pi r^2$.

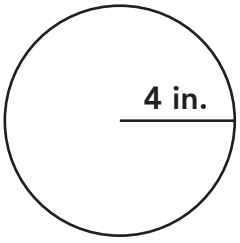
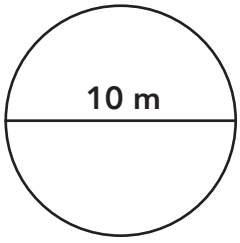
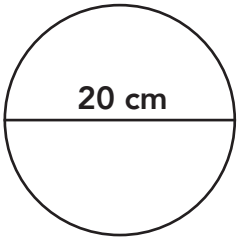
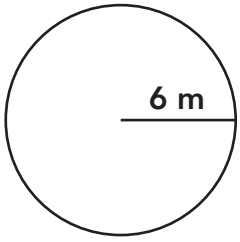
Helpful Hints:

π is an irrational number called "pi." It equals approximately 3.14.

The diameter (d) of a circle is the distance from one edge of the circle to the other in a straight line through the center of the circle. $d = 2r$

Practice

Find the area and circumference of the circles shown. Use 3.14 for π.

 Area _____ Circumference _____	 Area _____ Circumference _____
 Area _____ Circumference _____	 Area _____ Circumference _____

Jessica is installing a fence around the outer edge of her circular in-ground pool. The pool has a radius of 9 meters. How long does the fence need to be to go all the way around the pool?

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