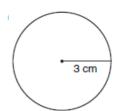
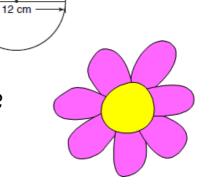
- 1) BEDMAS: 15 15 + 2
- 2)10% of 29
- 3) 50% of 8
- 4) Estimate the area of the circle:



- 5) 1/3 of 33
- 6) 20% of 30
- 7) Estimate the Circumference of the circle:



- 9) 10008 ÷ 2
- 10) What is the LCD for 2 and 3?

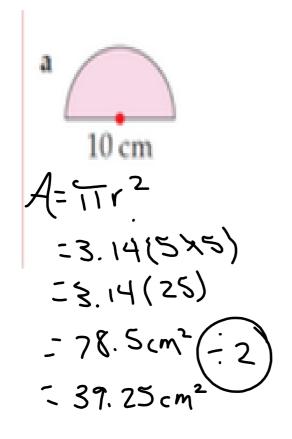


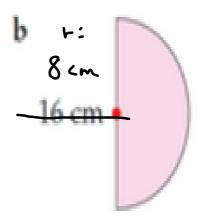
Bang. \$ \$

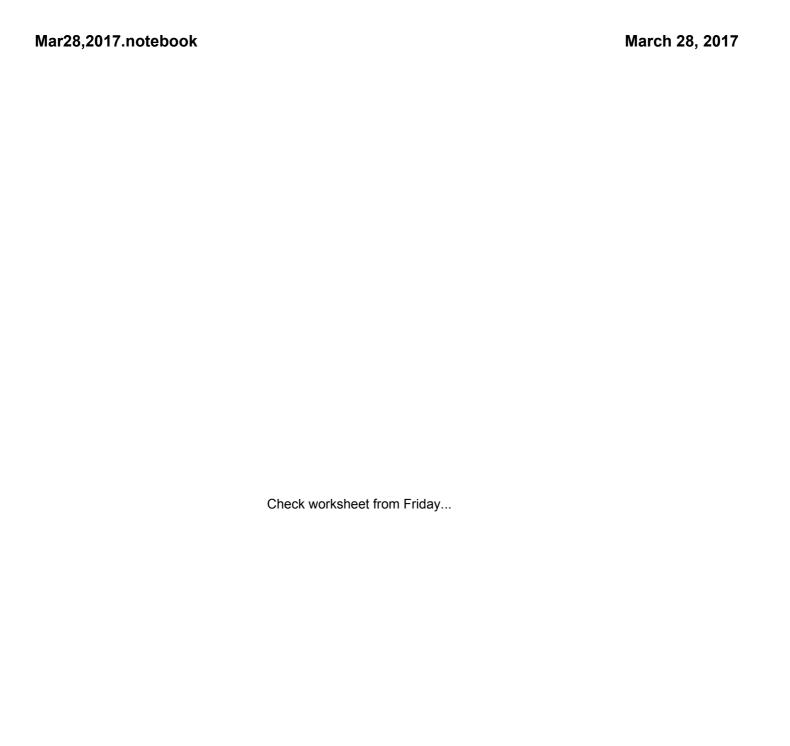
- 3. Use the results of questions 1 and 2. What happens to the area in each
 - a) You double the radius of a circle.

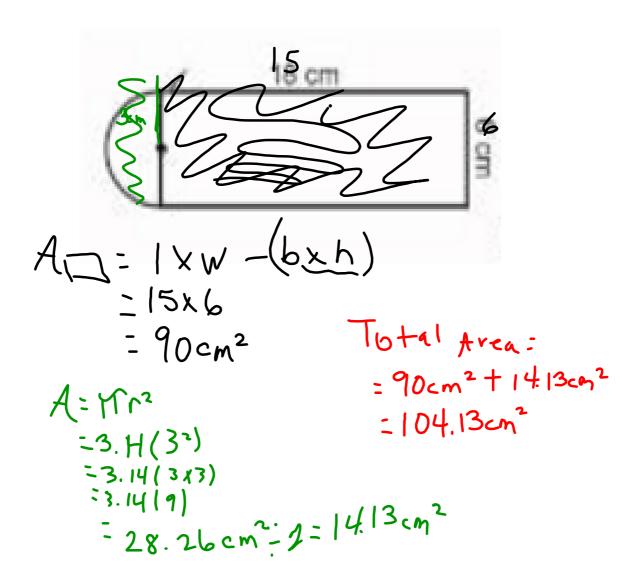


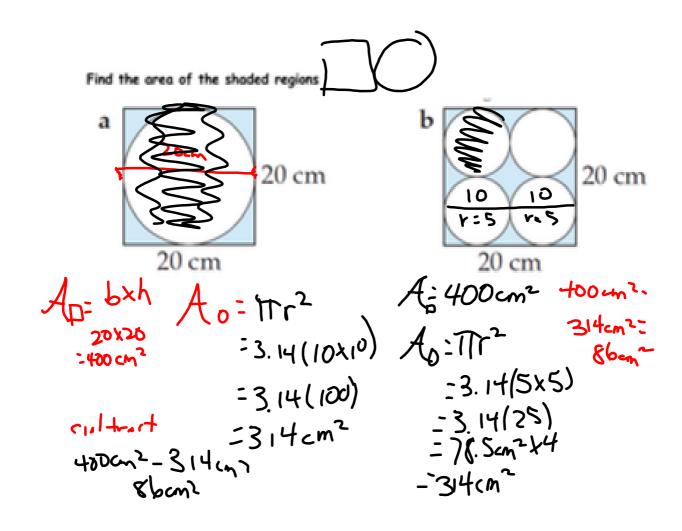
You have learned two formulas for measurements of a circle. How do you remember which formula to use for the area of a circle?

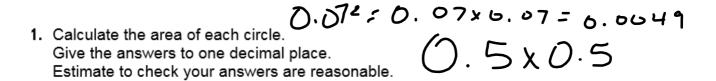


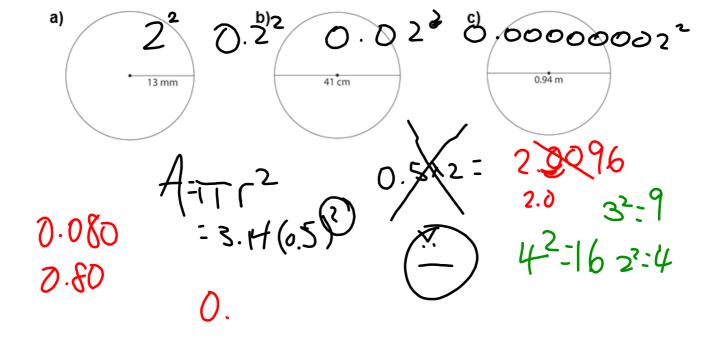












- 2. A carpenter is making a circular tabletop with radius 0.5 m. What is the area of the tabletop to the nearest tenth of a metre?
- 3. The diameter of a knob on a CD player is 0.78 cm.
 - a) What is the radius of the knob?
 - b) What is the circumference of the knob?
 - c) What is the area of the knob?

- **4.** A quilter is making a circular tree skirt to go under a decorative tree. The radius of the tree skirt is 1.75 m.
 - a) What is the area of the tree skirt?
 - b) Suppose the quilter doubles the radius of the tree skirt. What happens to the area? What is the new area?
 - c) Suppose the quilter triples the radius of the tree skirt. How can you find the new area without using the area formula? What is the new area?
- 5. The circular vent on a furnace has diameter 19.4 cm. What is the area of the vent?

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Questions
1,2,3,4,5,6,11,12