

Monday (A)

March 6, 2017

AGENDA

- Unit Test
- Google Classroom
Blendspace-
Circles

Come in take out your Interactive notebook, marking pen, pencil, highlighter, and your reflection sheet.

- Done with your test....
- Go to google classroom to complete notes

Tuesday (B)
March 7, 2017

AGENDA

- WARM-UP=
Evaluate
- Going Around in
Circles
- How far is it
around the
circle? Plug and
Chug.....

Come in take out your Interactive notebook,
marking pen, pencil, and highlighter.

Copy and Complete your warm up on the top of page 51
in your interactive notebook.

Evaluate the following

If $a = 4$

$$2a$$

If $a = 3, c = 9$

$$5c + a$$

If $a = 5, b = 2, c = 5$

$$\frac{ab}{c}$$

If $a = 9, b = 7, c = 10, d = 2$

$$\frac{ac}{d} + b$$

Circles
7.G.4

LEQ: What is the relationship between circumference and diameter?

Radius

distance of the center of a circle to its circumference.

Symbol/ Formula
 $r = \text{radius}$

Diameter

a straight line going through the center of the circle to touch both sides of the circle

$D = \text{diameter}$

Circumference

the distance around a circle

$C = \text{Circumference}$
 $C = \pi D$
 $C = 2\pi r$

Pi

π $\frac{22}{7}$ 3.14

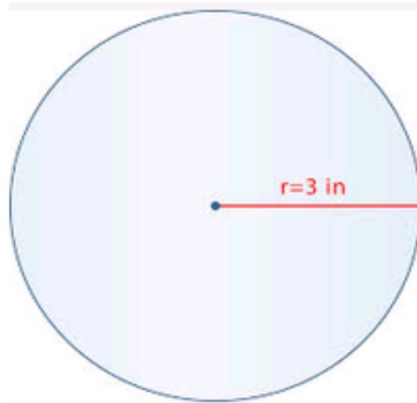
Cherry pie's delicious!

LEQ: how is the formula used for finding area and circumference ?

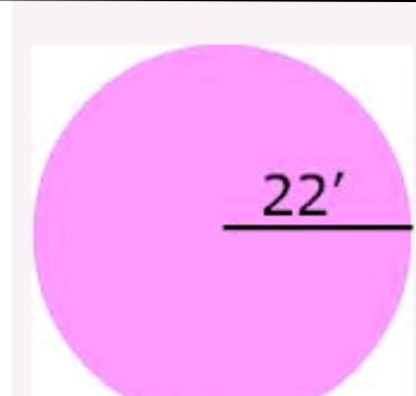
find the circumference of a circle given the radius

1. Write the formula
 $C = 2\pi r$
2. substitute what you know
3. Evaluate

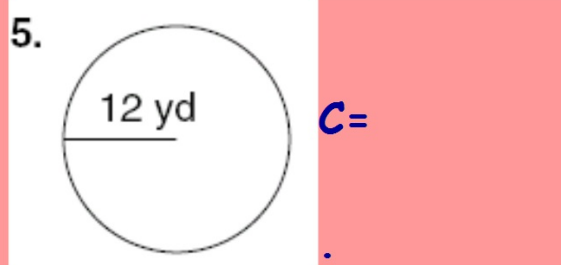
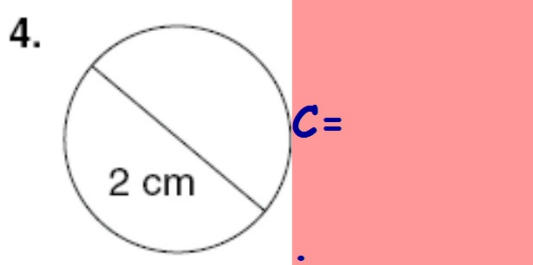
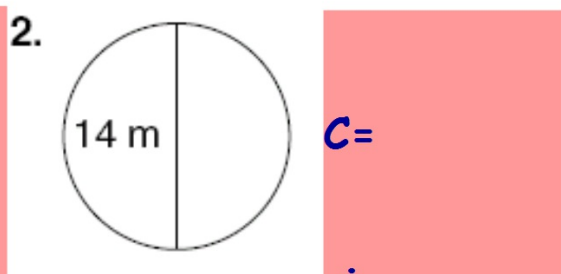
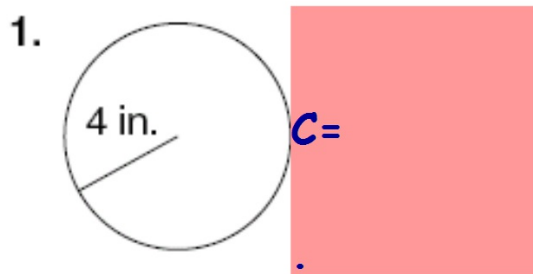
pg. 54



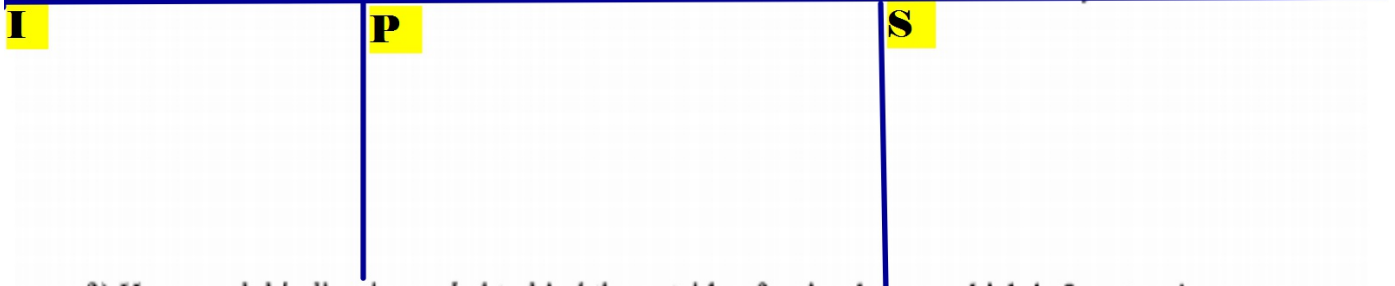
Show your work here



1. Write the formula $C = 2\pi r$ 2. substitute what you know
3. Evaluate



e.) A circular fence is being placed to surround a tree. The diameter of the fence is 4 feet. How much fencing is used? Use 3.14 for π . Round to the nearest tenth if necessary?



f.) How much binding is needed to bind the outside of a circular rug which is 8 meters in diameter? Leave your answer in terms of π .



g.) How would the circumference of a circle change if the diameter is doubled? What if the radius is doubled?

Wednesday (A)

March 8, 2017

AGENDA

- WARM-UP=
powers that be.
- AREA of a circle

Come in take out your Interactive notebook,
marking pen, pencil, and highlighter.

Copy and Complete your warm up on the top of page 55
in your interactive notebook.

Evaluate the following

$$11^2$$

$$4^3$$

$$5^2$$

$$4^2 + 2^3$$

Circles
7.G.4

LEQ: What is the relationship between circumference and diameter?

Radius

distance of the center of a circle to its circumference.
Half of the Diameter

Symbol/ Formula

$r = \text{radius}$

Diameter

a straight line going through the center of the circle to touch both sides of the circle

$D = \text{diameter}$

Area

the size a surface takes up

$A = \text{Area}$

$A = \pi r^2$

Pi

π $\frac{22}{7}$ 3.14

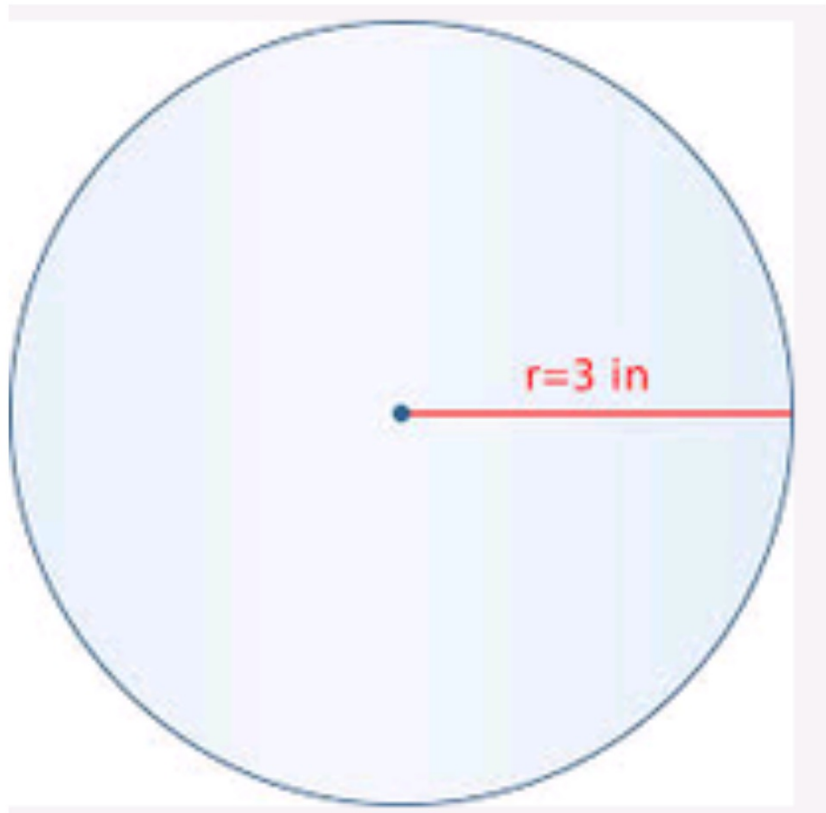
Apple pies are too!

LEQ: How do you use the formula for area of a circle?

find the area
of a circle
given the
radius

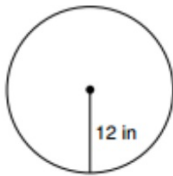
1. Write the formula
 $A = \pi r^2$
2. substitute what
you know
3. Evaluate

pg 58

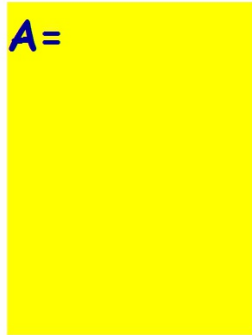


1. Write the formula $A = \pi r^2$ 2. Substitute what you know
3. Evaluate

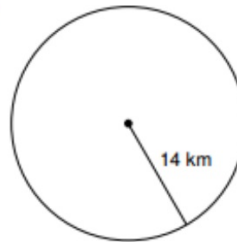
1)



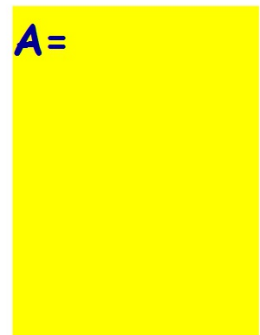
$A =$



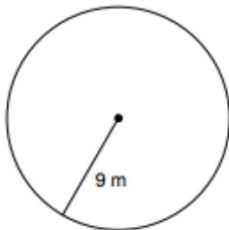
2)



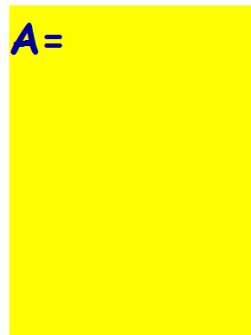
$A =$



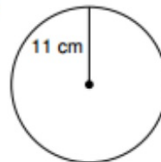
3)



$A =$



4)



$A =$



j.) The bottom of a circular swimming pool with a diameter of 30 feet is painted blue. How many square feet are blue?

I	P	S
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k.) Find the area of the face of the New York State quarter with a diameter of 24 millimeters. Use 3.14 for π . Round to the nearest tenth if necessary.

I	P	S
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Friday (B)
November 7,
2014

- AGENDA
- WARM-UP=
Expand
 - Song
 - Creed
 - Area backwards

Come in take out your Interactive notebook,
marking pen, pencil, and highlighter.

Copy and Complete your warm up on the bottom of pag
55 in your interactive notebook.

Evaluate the following:
example $x^2 = x \cdot x$

$$x^2$$

$$x^3$$

$$x^7$$

$$2x^4$$

What is the radius of a circle whose area is 28.26 ft²?

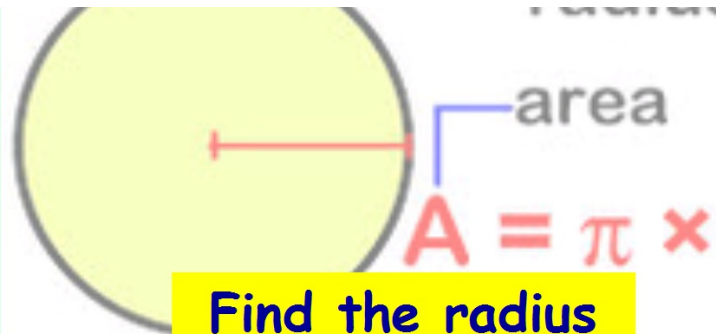
1. Write the formula
 $A = \pi r^2$
2. substitute what you know
3. Evaluate

1. $A = \pi r^2$
2. $= 3.14$
- 3.

square root is the opposite of squares

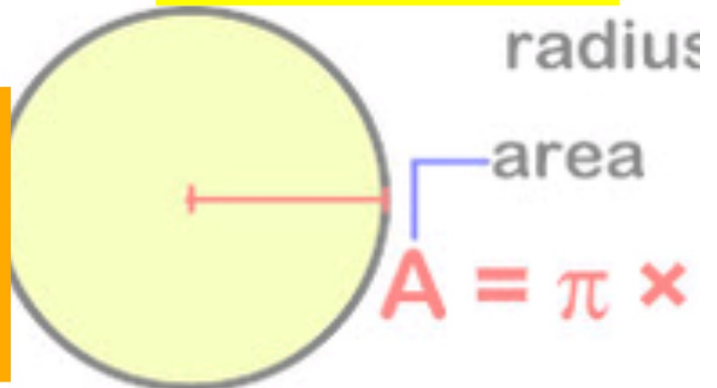
$$\begin{array}{l} 1^2 = 1 \quad \sqrt{1} = 1 \\ 2^2 = 4 \quad \sqrt{4} = 2 \\ 3^2 = 9 \quad \sqrt{9} = 3 \\ 4^2 = 16 \quad \sqrt{16} = 4 \\ 5^2 = 25 \quad \sqrt{25} = 5 \\ r^2 = r^2 \quad \sqrt{r^2} = r \end{array}$$

Find the radius of a circle if the area is 50.24cm^2 ?



Find the radius of a circle if the circumference is 25.12m

Find the diameter of a circle if the area is 78.5in^2

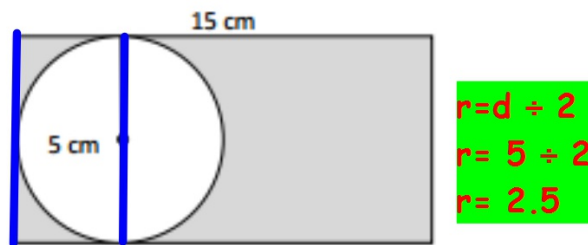


LEQ: What is the relationship between the shaded and unshaded region of a shape?

Find the area of the shaded region?

STEPS:

1. Find the area of the outside shape.
2. Find the Area of the inside/ unshaded shape.
3. Subtract the two of them to get the area of the shaded region.



1. Area = $L \times W$
 $(15) \times (5)$
 75 cm^2
2. Area = πr^2
 $3.14(2.5)(2.5)$
 19.63 cm^2
3. $75 \text{ cm}^2 - 19.63 \text{ cm}^2 = 55.37 \text{ cm}^2$

Monday
March 17th
AGENDA

1. Warm-Up

3. Composite
Figures



"I AM NOT
AFRAID OF
STORMS FOR I
AM LEARNING
HOW TO SAIL
MY SHIP."
-LOUISA MAY
ALCOTT

1) What is the formula for the circumference of a circle?

2) What is the formula for the area of a circle?

3) What is the number that represents pi?

4) Find the area and circumference of



Composite or Irregular Figures

Composite or Irregular Figure

for finding the perimeter of composite or irregular figures

Made up of more than one figure

1. break the shape into rectangles, triangles, parallelograms, etc tracing them with a marker or highlighter

2. Find the area/perimeter of each figure

3. Add the totals

