April 19, 2020

Hello Grade 7!

I am going to move on today in our Math 7. We will still do our Mental Math, but we are going to move into “**Investigating Circles”**. We will move slowly, so that you are able to remember vocabulary and the formula that you need for this outcome. \*Please send me ANY questions about anything we are doing this week! ☺

**Monday** – focus on drawing circles (we will trace instead of using a compass) and understanding the difference between **diameter** and **radius**.

**Tuesday** – Discovering “Pi” by investigating some circles you will be drawing

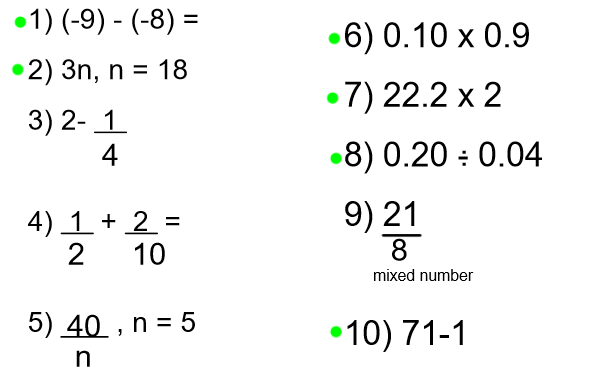
**Wednesday** – Circumference of a Circle using the diameter OR radius

**Thursday** – Circumference of a Circle using the diameter OR the radius

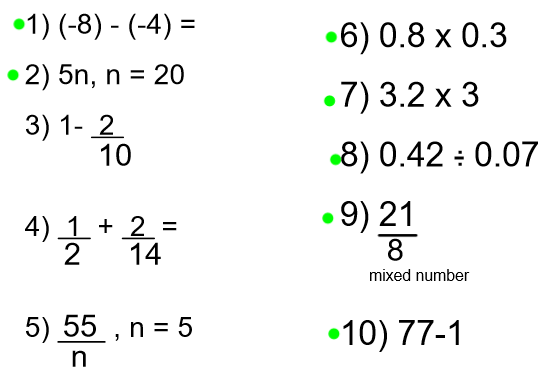
**Friday** – a “mini” assignment for review ☺

\*Remember, do what you are comfortable with. Do a little or it all, as long as you are doing something to keep your math skills fresh ☺

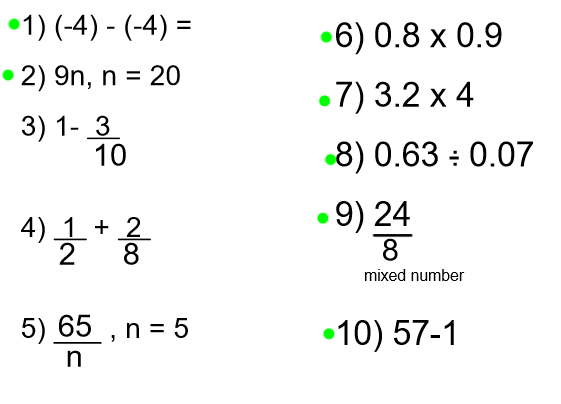
Monday (mm)



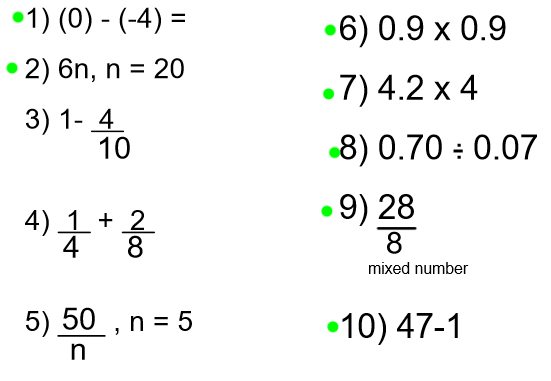
Tuesday (mm)



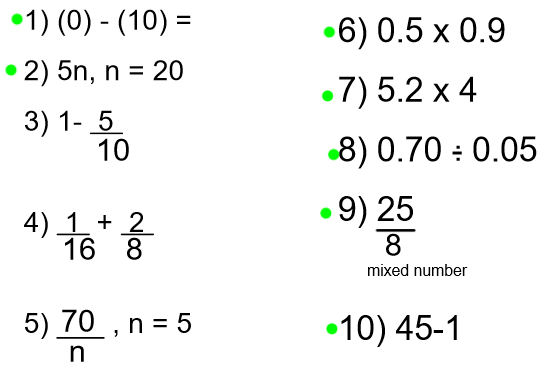
Wednesday (mm)



Thursday (mm)



Friday (mm)

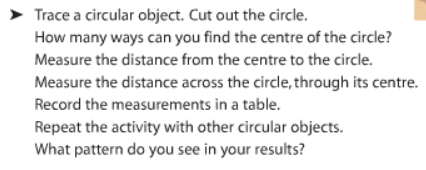


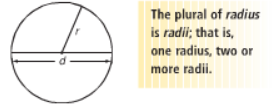
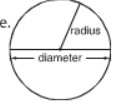
**Monday – Intro to circles and vocab**

1. Find a circular object to trace (like a glass or a can). You will use this circle as you watch the video to label the following: 1) **center (origin**), 2) **radius** and 3) **diameter**.
2. Watch the following video:

<https://m.youtube.com/watch?v=O-cawByg2aA> **until 2:57** (for today)

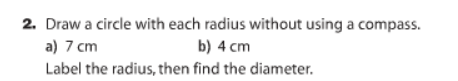
1. Complete the following:

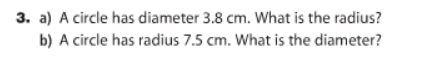






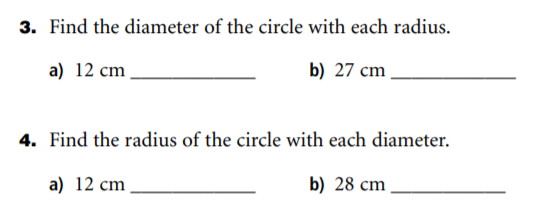
 AND 



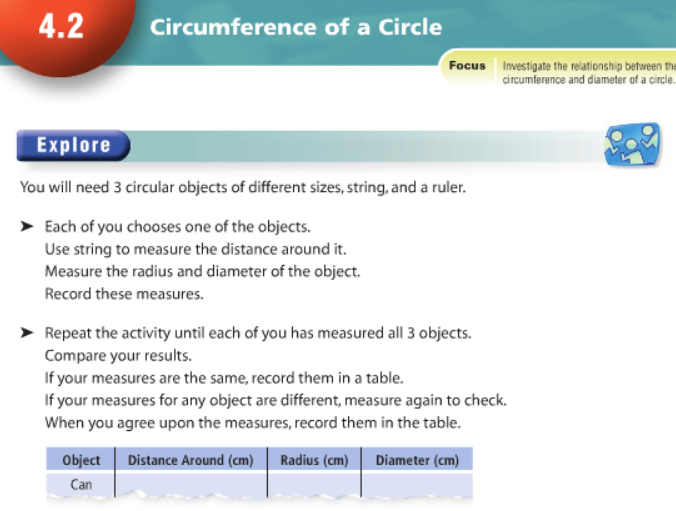


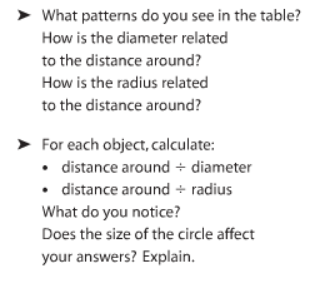
**Tuesday:**

1. Review…



1. Complete the following activity – individually or with someone in your house ☺





1. Watch the video:

<https://m.youtube.com/watch?v=O-cawByg2aA> start at 2:58

\*\*write down the definition of an irrational number,

**Wednesday**

Review:

Is pi () an irrational number? How do you know?

Remember, an irrational number:

1. Watch the video

<https://m.youtube.com/watch?v=eiHWHT_8WrE>

1. \*So, there are 2 things you have to remember about finding the circumference (the distance around the circle):

\* If you have the **diameter**, use this formula:



\*If you have the **radius**, use this formula:



\*\*If you are **given the Circumference** and you NEED to find the **DIAMETER** of the circle, you just have to use this formula:

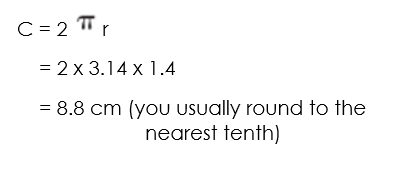


\*What would you do to find the **RADIUS**?

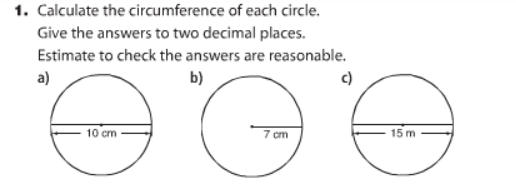
(divide the diameter by 2)

1. Complete the following questions, but please do the work “exactly” like the examples I gave you. You will have to follow this process all though your school career ☺

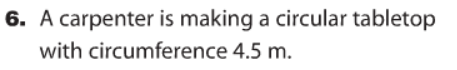
Example:

Complete the following:







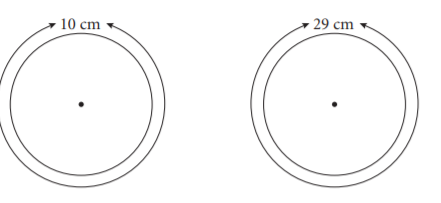
 ?

Thursday

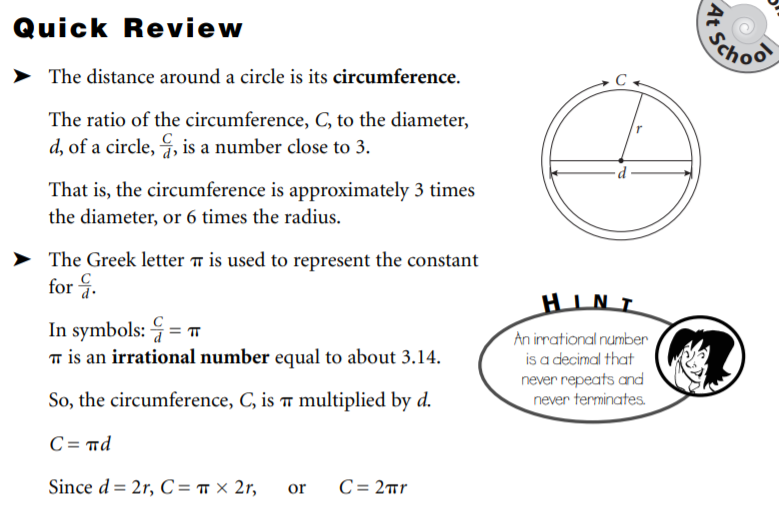
Review:

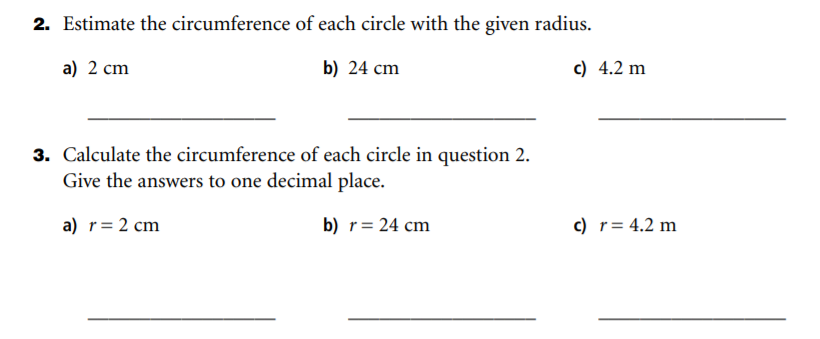


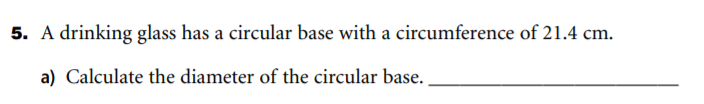




Re - watch the videos if needed or use this review, continue with the following questions:

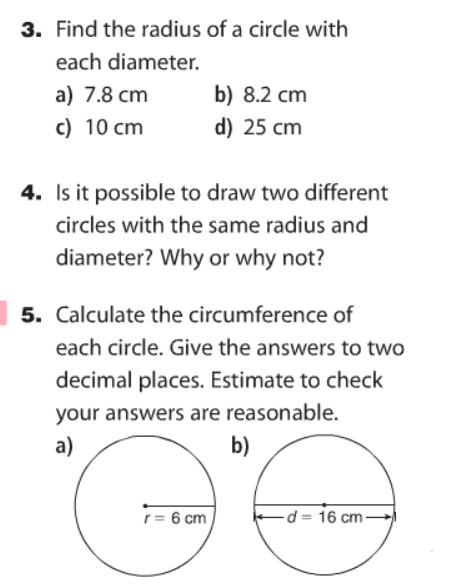


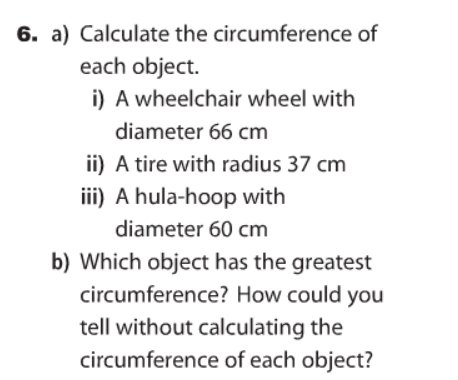


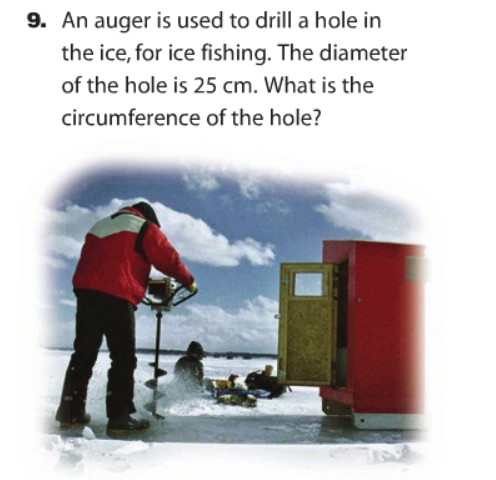


**Finally Friday ☺**

Review (if needed) complete this assignment ☺







Thanks for all of your hard work in Math this week☺ I am hoping you and your families are well and healthy at home! Have a great weekend, Mrs. Moody