



Math Virtual Learning

**Grade 7**

**Parts of a Circle**

May 04, 2020

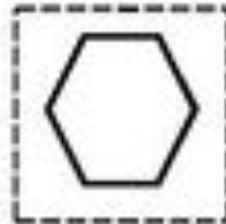
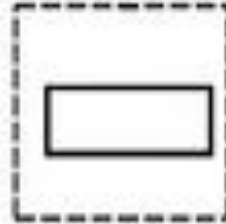
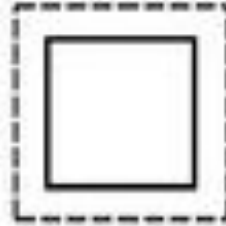


Grade 7/Parts of a Circle  
Lesson: May 4, 2020

**Objective/Learning Target:  
Students will understand parts of a circle.**

# Warm-Up

Identify the Shapes



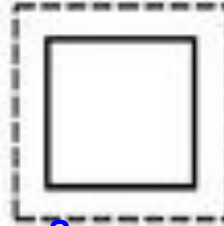
# Warm-Up **Answers**



**Rhombus**



**Circle**



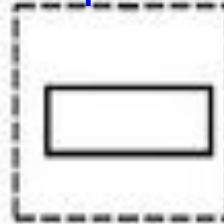
**Square**



**Oval**



**Triangle**



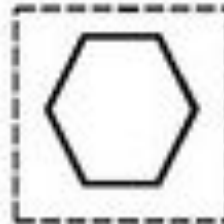
**Rectangle**



**Trapezoid**



**Octagon**



**Hexagon**

# Instructional Video



Labeling parts  
of a circle



## Notes to Jot Down

[Khan Academy : What is a Circle?](#)



## **Make sure you have this in your notes:**

**Radius : A line from the center of a circle to the outside edge.**

**Diameter : A straight line from one side of a circle, through the center, to the opposite side of the circle.**

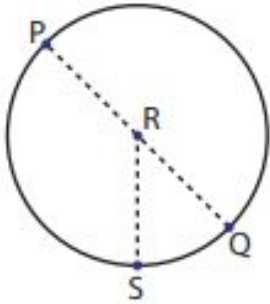
**Circumference : The distance around a circle**

# Guided Practice

Answers on the next page

Identify the parts of each circle.

1)

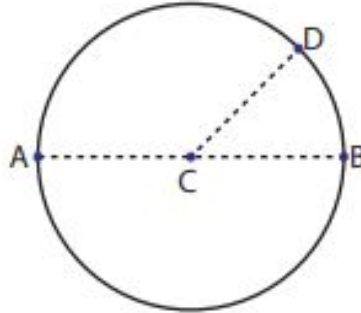


Center = \_\_\_\_\_

Radius = \_\_\_\_\_

Diameter = \_\_\_\_\_

2)

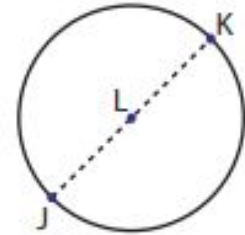


Center = \_\_\_\_\_

Radius = \_\_\_\_\_

Diameter = \_\_\_\_\_

3)



Center = \_\_\_\_\_

Radius = \_\_\_\_\_

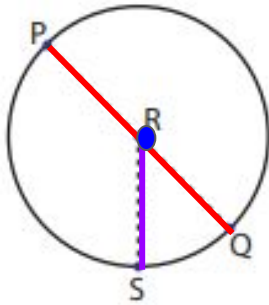
Diameter = \_\_\_\_\_



# Guided Practice **Answers**

Identify the parts of each circle.

1)

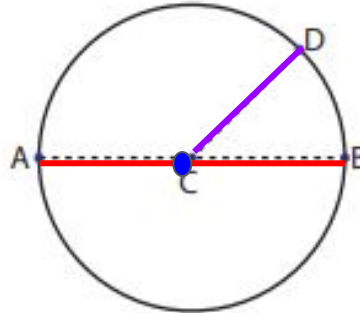


Center = **R** \_\_\_\_\_

Radius = **RS, RQ, RP** \_\_\_\_\_

Diameter = **PQ** \_\_\_\_\_

2)

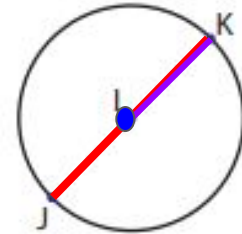


Center = **C** \_\_\_\_\_

Radius = **CD, AC, CB** \_\_\_\_\_

Diameter = **AB** \_\_\_\_\_

3)



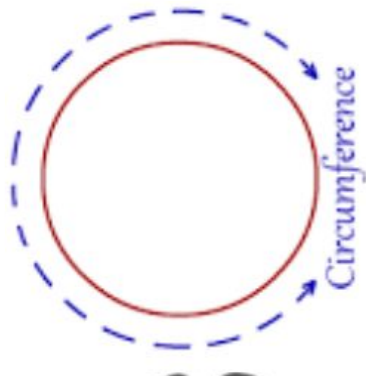
Center = **L** \_\_\_\_\_

Radius = **LK, LJ** \_\_\_\_\_

Diameter = **JK** \_\_\_\_\_

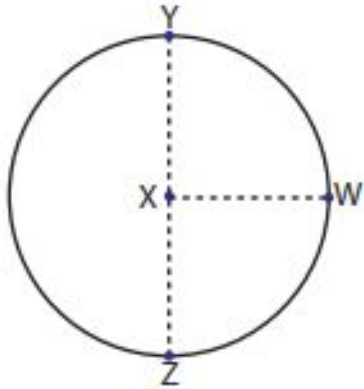
# Examples of Circumference

Circumference



# Individual Practice P1

4)

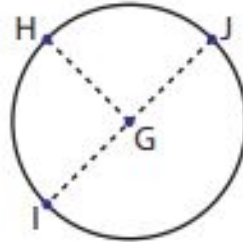


Center = \_\_\_\_\_

Radius = \_\_\_\_\_

Diameter = \_\_\_\_\_

5)

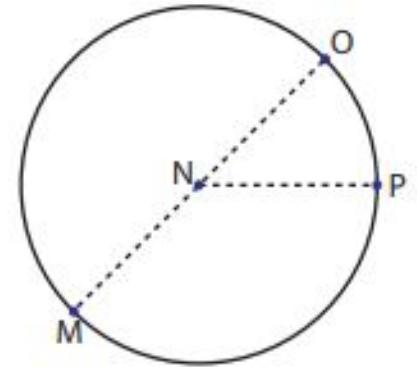


Center = \_\_\_\_\_

Radius = \_\_\_\_\_

Diameter = \_\_\_\_\_

6)



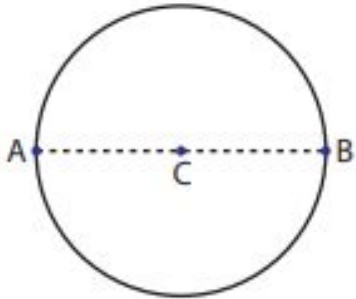
Center = \_\_\_\_\_

Radius = \_\_\_\_\_

Diameter = \_\_\_\_\_

# Individual Practice P2

7)

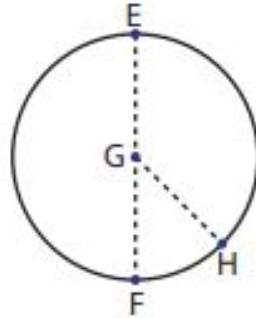


Center = \_\_\_\_\_

Radius = \_\_\_\_\_

Diameter = \_\_\_\_\_

8)

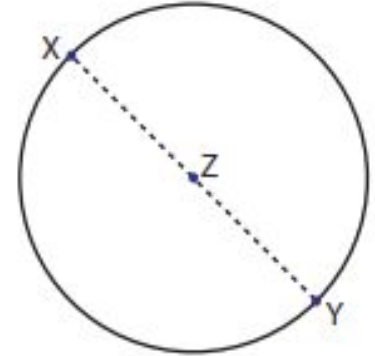


Center = \_\_\_\_\_

Radius = \_\_\_\_\_

Diameter = \_\_\_\_\_

9)



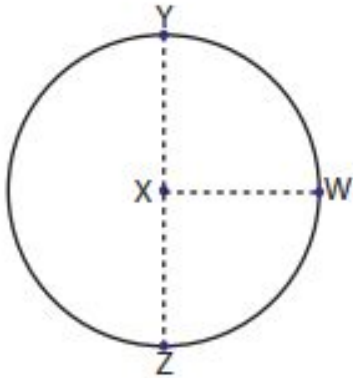
Center = \_\_\_\_\_

Radius = \_\_\_\_\_

Diameter = \_\_\_\_\_

# Individual Practice Pg 1 **Answers**

4)

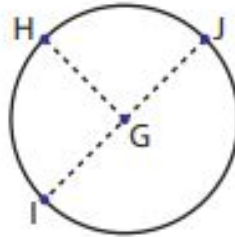


Center =     **X**    

Radius =     **XW, XY, XZ**    

Diameter =     **YZ**    

5)

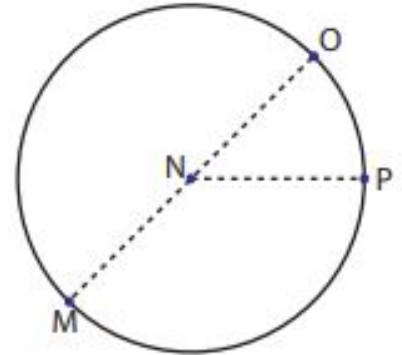


Center =     **G**    

Radius =     **GJ, GI, GH**    

Diameter =     **IJ**    

6)



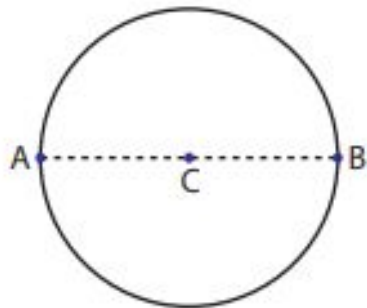
Center =     **N**    

Radius =     **NO, NM, NP**    

Diameter =     **MO**

# Individual Practice Pg 2 **Answers**

7)

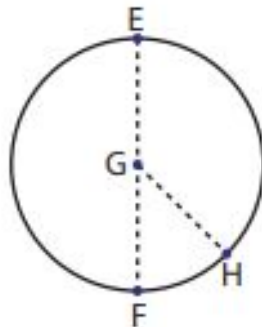


Center =     **C**    

Radius =     **CA, CB**    

Diameter =     **AB**    

8)

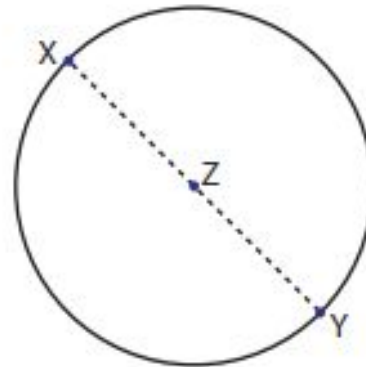


Center =     **G**    

Radius =     **GH, GF, GE**    

Diameter =     **EF**    

9)



Center =     **Z**    

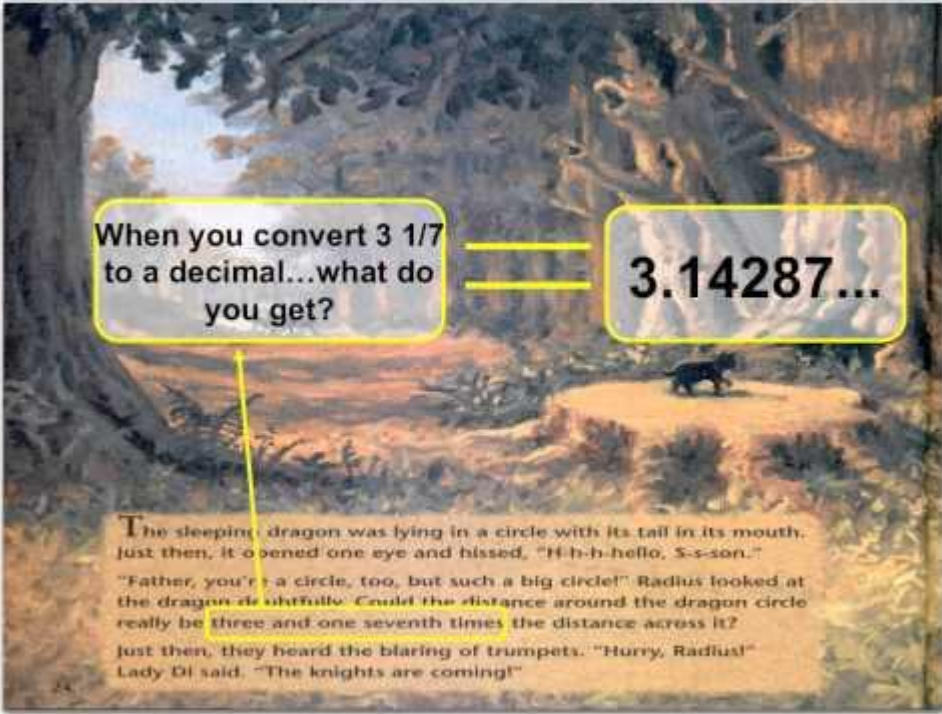
Radius =     **ZX, ZY**    

Diameter =     **XY**



# Online Practice Opportunities

## [Khan Academy : Parts of a Circle](#)

A painting of a dragon in a forest. The dragon is lying on a tree stump, with its tail in its mouth. The scene is set in a dense forest with large trees and a path leading to the stump. Overlaid on the painting are two yellow-bordered text boxes. The first box on the left contains a math problem, and the second box on the right contains the answer. Lines connect the boxes to the dragon's mouth and the stump.

When you convert  $3 \frac{1}{7}$  to a decimal...what do you get?

3.14287...

The sleeping dragon was lying in a circle with its tail in its mouth. Just then, it opened one eye and hissed, "H-h-h-hello, S-s-son."  
"Father, you're a circle, too, but such a big circle!" Radius looked at the dragon doubtfully. Could the distance around the dragon circle really be three and one seventh times the distance across it?  
Just then, they heard the blaring of trumpets. "Hurry, Radius!" Lady Di said. "The knights are coming!"