Unlimited attempts. Score on last attempt: 2. Score in gradebook: 2

Recall that there are  $2\pi$  radians in one full rotation and 360 degrees in one full rotation.

a. Suppose an angle has a measure of 2.1 radians.

License

License

License

Hint: What portion of the circumference of the circle is this ray? How many degrees are in a circle?

Preview

Preview

Recall that there are  $2\pi$  radians in one full rotation and 360 degrees in one full rotation.

i. This angle (with a measure of 1.9 degrees) is what percent of a full rotation?

Preview

Preview

✓ degrees

244

Submit

Question 5. Points possible: 2

 $f(x)=rac{180}{
m pi}^* x$ 

Question 6. Points possible: 4

0.527

(z\*pi)/180

Question 7. Points possible: 4

Score on last attempt: 4. Score in gradebook: 4

Unlimited attempts.

Submit

Unlimited attempts.
Score on last attempt: 4. Score in gradebook: 4

ii. Use your work in part (i) to determine the measure of the angle *in radians*.
 o.03316
 ▶ radians
 Preview

a. Suppose an angle has a measure of 1.9 degrees.

b. If an angle has a measure of z degrees, what is the measure of the angle in radians?

✓ radians

c. Write a function g that determines the radian measure of an angle in terms of the degree measure of the angle, z. g(z) = pi/180\*zPreview

Submit

Total Points Possible: 23

When you are done, click here to see a summary of your score