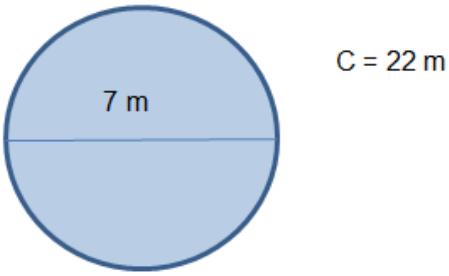
Possible Solution

In the following circle, how could the relationship of π be represented?



- By definition, π is equal to the ratio of circumference of a circle to the diameter of a circle.
- To determine π, use the formula C = πd because the circumference (22 m) and the diameter (7 m) are known.
- 22 m = π • 7 m
- Divide each side of the equation by 7. $\frac{22}{7} = \frac{\pi \bullet 7}{7}$
- The solution is $\frac{22}{7} = \pi$