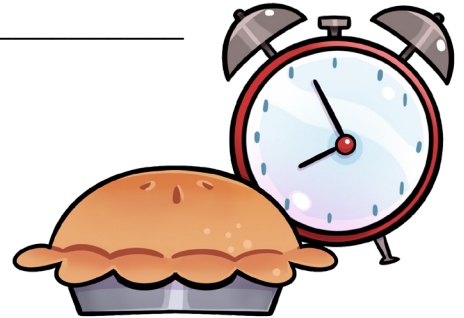Name: _____

Circumference, Pi, and Circle Questions

1. How is circumference similar to perimeter? How is it different?

_____

_____

_____

2. Tell how the number pi (π) is calculated.

_____

_____

He divides the two numbers and finds the answer is pi.

Luke measures the circumference and diameter of the same pizza in millimeters
instead of centimeters. If he divides the circumference by the diameter,
will his answer also equal pi?

Explain.

_____

_____

_____

5. Every year March 14 is known as International Pi Day.
Why was this particular day chosen to celebrate pi?

_____

_____

Circumference, Pi, and Circle Questions

1. How is circumference similar to perimeter? How is it different?

Circumference and perimeter both measure distance around a shape.

Perimeter is the distance around a polygon with straight sides.

Circumference is distance around a circle.

2. Tell how the number pi (π) is calculated.

3.

Preview
Please log in to download
the printable version of this worksheet.

4.

5. Every year March 14 is known as International Pi Day.
Why was this particular day chosen to celebrate pi?

When you write the date for March 14, it looks like this: 3/14 (third month of the year,

fourteenth day). 3.14 is also the number for pi, which makes it the ideal time to celebrate pi day.