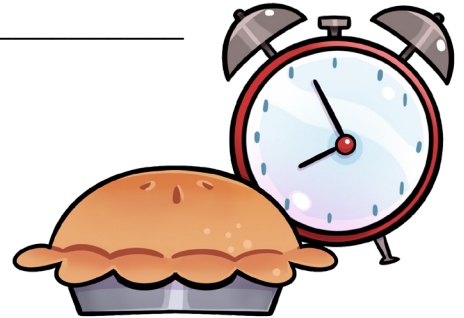


Name: _____

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.



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A cartoon superhero with brown hair, wearing a blue suit and a red cape, is flying through a blue sky with white clouds. He has a shield-shaped logo on his chest with the letters 'MJS'. To his right, the word 'Preview' is written in large, bold, red letters. Below it, the text 'Please log in to download the printable version of this worksheet.' is written in a smaller, black font.

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?

ANSWER KEY

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.

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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.