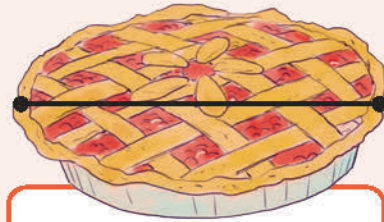


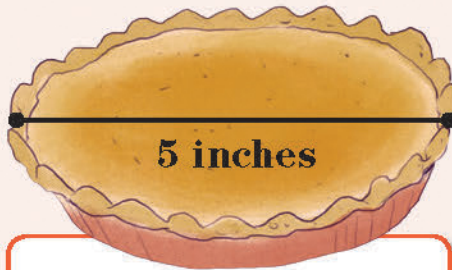
Mmm, Pi

Find the **circumference** of each pie.

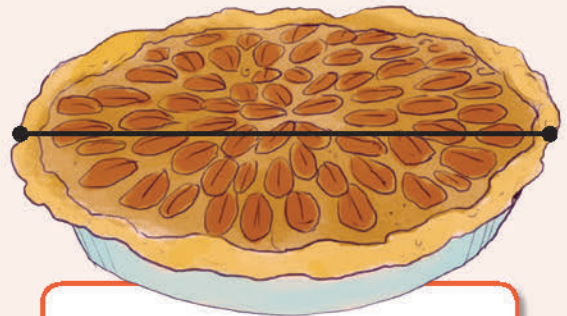
4 inches



5 inches



6 inches



7 inches



Diameter and
circumference

Geometry and
Measurement

Brain Box



$$5 \times \pi = \text{circumference}$$

$$5 \times 3.14 = 15.7$$

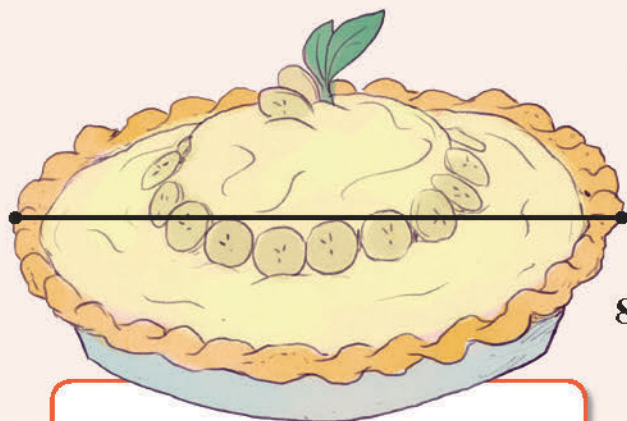
The circumference of
the circle is 15.7 inches.

The length through the middle of a circle is the **diameter**. The perimeter of a circle is called the **circumference**. To find the circumference of a circle, multiply the diameter by **pi** (π).

Pi is a special number defined as the ratio of the circumference of a circle to its diameter:

$$\pi = \frac{\text{circumference}}{\text{diameter}}$$

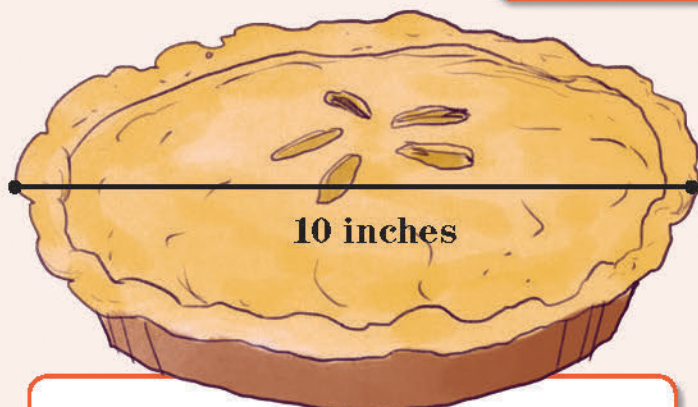
The decimal places of pi go on forever, but pi is approximately 3.14.



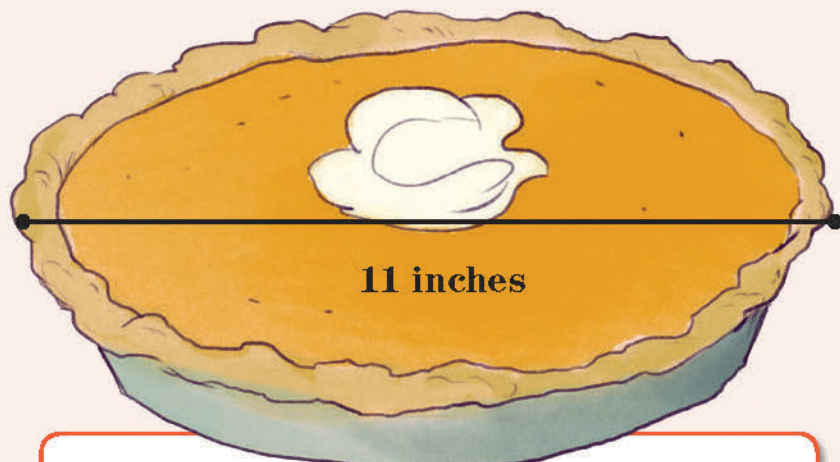
9 inches



10 inches



11 inches

Diameter and
circumferenceGeometry and
Measurement