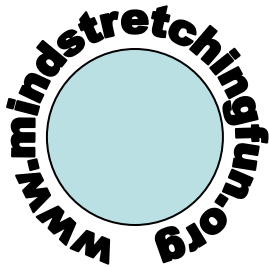


## Everyday Math

Why are man-hole covers round?



It's a famous question Microsoft used to ask its job candidates. Take out a quarter and experiment by covering the hole below. There are several good answers to this puzzle. Check out the Sci-Tech Discovery Center website for some of them after you try this out for yourself.

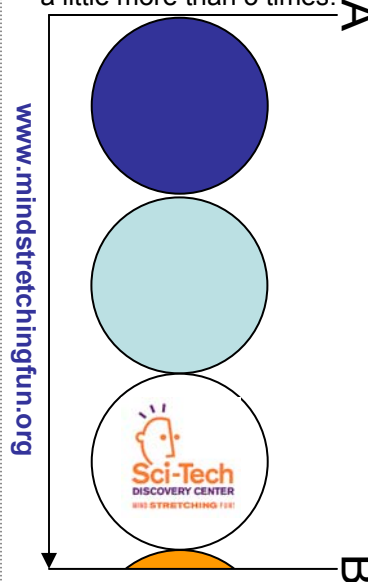


### Pi Day 3-14

- Pi is a value that represents the relationship between a circle's circumference and its diameter.
- Pi Day is March 14 and got its name 300 years ago by Welshman William Jones.
- March 14 is also Albert Einstein's birthday!
- Pi is an irrational number whose digits never end.  
*A world record for figuring Pi goes to Professor Yamusada in Japan who calculated it to 51 billion places.*

## Discover Pi

1. Roll a quarter on its edge from A to B to measure its circumference. Use a number in the coin's date to serve as your starting and ending point.
2. Lay the quarter on the line on the circles provided. Notice that the quarter fits within its circumference a little more than 3 times.



3. Congratulations! You've discovered Pi. Now try this with a bike tire, or a bracelet, or any round object.

Sci-Tech Discovery Center, Inc. is a 501(c)(3) non-profit organization dedicated to bringing hands-on math, science, and technology discovery experiences for all ages to our area.

Thanks to Alcatel for printing support