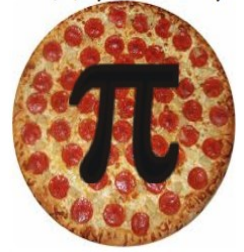


Happy Pi Day!

March 14th is Pi Day!



Pi or π is an irrational number that has no end beyond its decimal point. It's often abbreviated to 3.142. It is used to calculate the circumference of a circle. Knowing the diameter or radius of a circle can also help you calculate its area:

Circumference of a circle = $\pi \times \text{diameter}$

πr^2 = the area of a circle, where r =radius, which is equal to half the diameter.

Solve it!

If the diameter of a circle is 3 cm, what is its circumference and area?

Circumference = $3.142 \times 3 \text{ cm} = 9.426 \text{ cm}$

Area = $3.142 \times (3/2)^2 = 7.0695 \text{ cm}^2$

Name: _____

Women in STEM Match-up

Matchup the correct scientist with her accomplishments!

Created on TheTeachersCorner.net [Match-up Maker](#)

1.	o	Mary Anning	a. Computer Scientist who invented the coding language COBOL and created the first compiler.
2.	c	Elizabeth Blackwell	b. Ophthalmologist who discovered that African-Americans are prone to vision problems.
3.	g	Nettie Stevens	c. 1st American woman to receive a medical degree.
4.	m	Marie Curie	d. Invented the Frequency Hopping Spread Spectrum for radio-guided torpedoes during WWII.
5.	e	Edith Clarke	e. 1st woman electrical engineer at G.E.. Invented a graphic calculator.
6.	h	Barbara McClintock	f. Iranian Mathematician who explored the Billiard Ball Problem.
7.	a	Grace Hopper	g. Geneticist who discovered the XX and XY chromosomes.
8.	n	Rachel Carson	h. Cytogeneticist who discovered jumping genes.
9.	d	Hedy Lamarr	i. Physicist and Mathematician who worked on flight paths for NASA's 1969 manned flight to the moon.
10.	k	Rosalind Franklin	j. Primatologist who studied chimpanzees in Africa.
11.	l	Annie Easley	k. X-ray Crystallographer who took the first pictures showing DNA as a double helix.
12.	b	Patricia Bath	l. Rocket Scientist who worked as a NASA computer and did research on alternative energy.
13.	j	Jane Goodall	m. Physicist who studied radioactivity.
14.	f	Maryam Mirzakhani	n. Conservationist who wrote "Silent Spring."
15.	i	Katherine Johnson	o. Paleontologist that discovered many dinosaur skeletons.