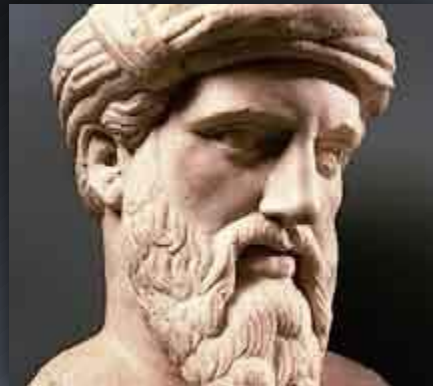




Pythagorean Theorem

8 Common Core
Term 1 Unit 1
Geometry



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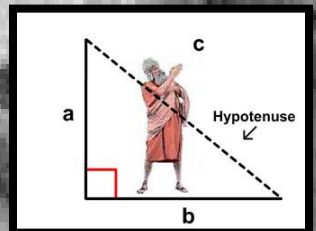
**Be silent
or let thy words
be worth more
than silence.**
-Pythagoras

LearnZillion Video Lessons

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<u>Identify Properties of Right Triangles</u>	<u>Use the Area of Squares Proof to Relate Side Lengths of a Right Triangle</u>	<u>Apply the Area of Squares Proof to Determine if a Triangle is a Right Triangle</u>
<u>Use the Pythagorean Theorem to See if a Triangle is a Right Triangle</u>	<u>Solve for Diagonals in Rectangular Prisms By Applying the Pythagorean Theorem</u>	<u>Solve for Unknown Side Lengths Using the Pythagorean Theorem</u>
<u>Write Equations To Represent Right Triangles Using The Pythagorean Theorem</u>	<u>Find The Length Of The Hypotenuse Of A Right Triangle Using The Pythagorean Theorem</u>	<u>Apply the Pythagorean Theorem to Three Dimensional Figures Using Right Triangles</u>
	<u>Find the Length of a Leg of a Right Triangle</u>	

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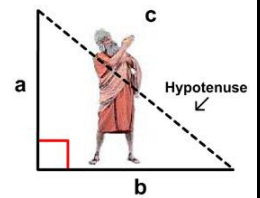
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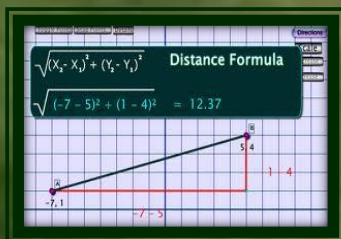
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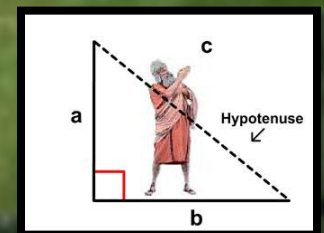
[Learn About Distance Formula and Pythagorean Theorem](#)

[Distance Formula and Pythagorean Theorem](#)

[The Distance Formula \(Explanation of Finding Distance Using Pythagorean Theorem & Distance Formula\)](#)



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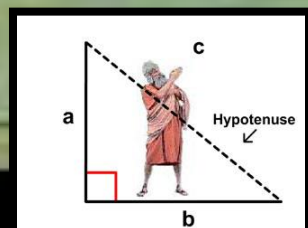
[Math Crazy: Pythagorean Theorem in 60 seconds](#)

[TeacherTube: Pythagorean Theorem Lesson 2 by Paul DeRitter](#)

[Simulations: Squaring the Triangle](#)

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Pythagoras



Practice With NOVA

Click on a link to access an on-line lesson

$$a^2 + b^2 = c^2$$

$$16 + 9 = 25$$

$$c^2 = 25$$

[Demonstrate the Pythagorean Theorem](#)

[The Pythagorean Theorem and Ladders](#)

[The Pythagorean Theorem and Baseball](#)

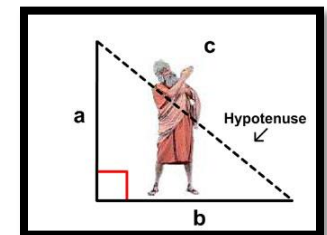
[The Pythagorean Theorem and Pyramids](#)

$$a^2 = 16$$

3

$$b^2 = 9$$

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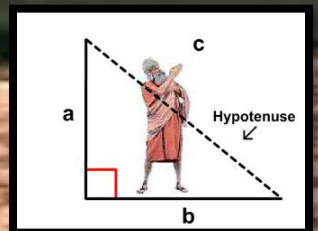


Pythagorean Theorem Practice 1

Click on a link to access an on-line lesson

<u>Open Resource: Pythagorean Theorem</u>	<u>Pythagorean Theorem Jeopardy</u>	<u>Pythagorean Explorer</u>
<u>Math-Play: Pythagorean Theorem</u>	<u>Pythagorean Theorem and Right Triangle Facts</u>	<u>Ultimate Pythagorean Theorem Test</u>
	<u>Hotmath Practice Problems</u>	

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Pythagorean Theorem Practice 2

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$$a^2 + b^2 = c^2$$

$$6^2 + 10^2 = c^2$$

$$36 + 100 = c^2$$

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Madness](#)

[Braining Camp:
Pythagorean Theorem](#)

[Baseball Geometry](#)

[Pythagoras' Theorem
Activity](#)

[Pythagoras's Crazy
Theorem: Practice
Problems](#)

[Pythagorean Theorem
Jeopardy 2](#)

[Pythagorean Jeopardy 3](#)

[IXL: Word Problems](#)

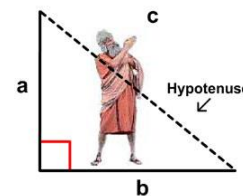
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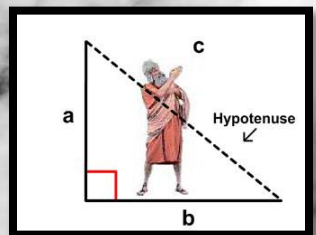


Songs and Videos

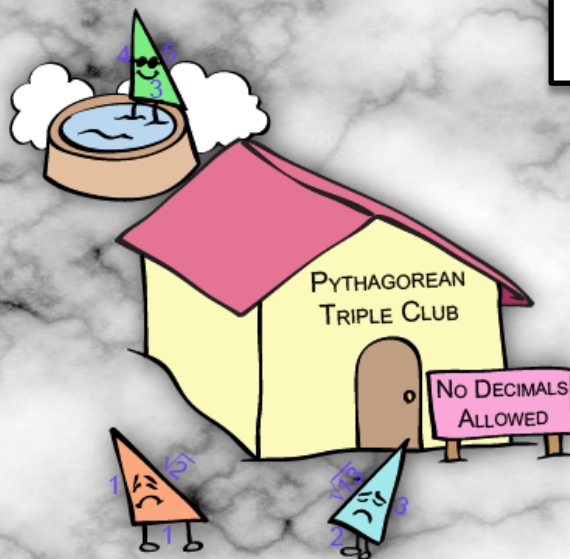
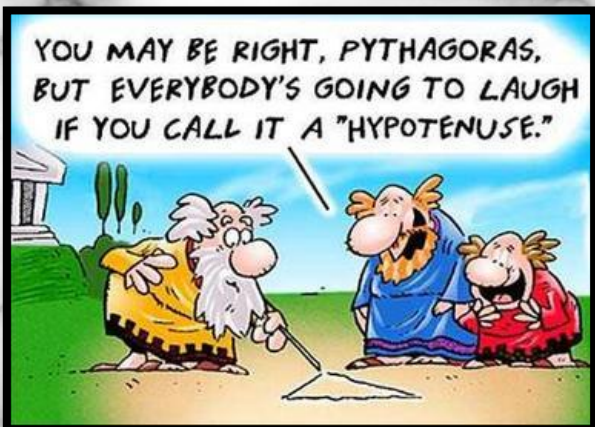
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<u>Hypotenuse Song</u>	<u>Donald in Mathmagic Land: On Pythagorean Theorem (27min)</u>	<u>The Best Pythagorean Theorem Rap Ever: Jake Scott</u>
<u>Ms. Austin's Pythagoras Rap</u>	<u>Colin Dodds- Pythagorean Theorem</u>	<u>Rock on Pythagoras</u>
<u>Pythagorean Theorem Rap</u>	<u>Pythagorean Theorem Water Demo</u>	<u>Exploring Square Roots</u>
<u>Exploring the Pythagorean Theorem</u>	<u>Science of NFL Football: Pythagorean Theorem</u>	<u>Pythagoras in 60 Seconds</u>
<u>Exploring Square Roots</u>		<u>Exploring the Pythagorean Theorem</u>

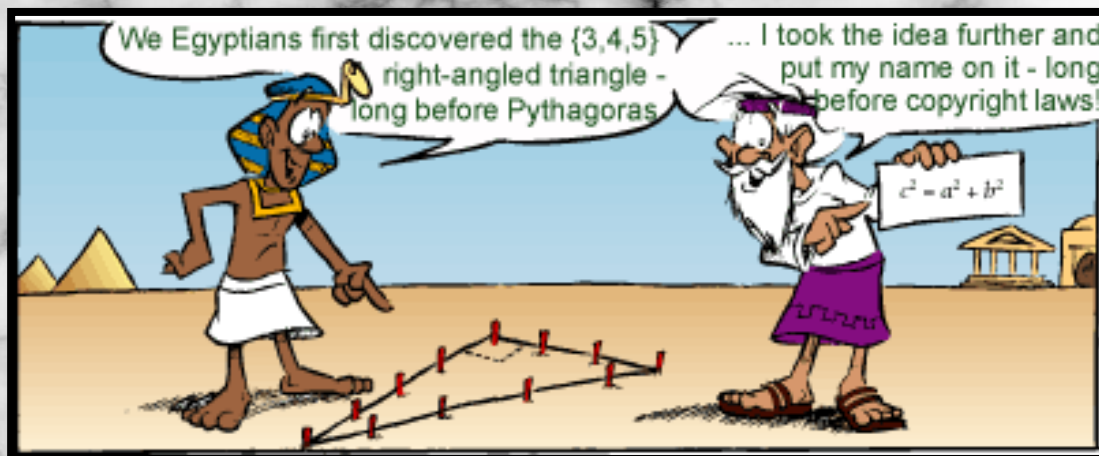
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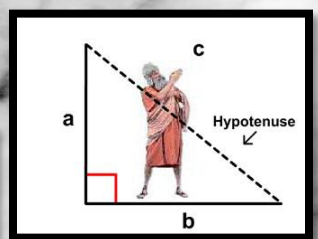
A Few Biographies About Pythagoras



Click on a picture below to link to a biography



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Cartoons and Quotes

Do not say a little in many words but a great deal in a few.
Pythagoras



Rest satisfied with doing well, and Leave others to talk of you as they please.
Pythagoras

Anger begins in folly. And ends in repentance.
Pythagoras

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