

Pythagorean Theorem Word Problems Worksheets With Answers

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Pythagorean Theorem Word Problems Worksheets

Pythagorean Theorem word problems ws #1 ____Name Solve each of the following. Please draw a picture and use the Pythagorean Theorem to solve. Be sure to label all answers and leave answers in exact simplified form. 1.

Pythagorean Theorem word problems ws #1 Name Please ...

In these worksheets, your students will solve word problems that require them to use the Pythagorean Theorem. There are 11 worksheets in this set. A set of six worksheets introduces the topic and provides problems for students to practice. Additional worksheets are provided at both the basic and intermediate skills levels.

Pythagorean Theorem Word Problems Worksheets

Some of the worksheets displayed are Pythagorean theorem, Pythagorean theorem word problems ws 1 name please, Pythagorean theorem, Name block pythagorean theorem word problems independent, Name date period using the pythagorean theorem in word, The pythagorean theorem date period, Draw a picture and then use the pythagorean theorem to, Using the pythagorean theorem.

Pythagorean Theorem Word Problem Worksheets - Printable ...

Tips for Solving Pythagorean Theorem Word Problems - When it comes to solving a triangle, there are a number of formulae and theorems that we bring into use. A theorem that helps us find a missing side of a triangle; Pythagorean theorem, also known as Pythagoras' theorem.

Pythagorean Theorem Word Problems Worksheets

Solve the word problems. Round the answer to the nearest tenth. 5 in 9 in? 12 ft 5 ft? 27 ft 11 ft? 14 m? Answer Key Level 1: 53 Score : Printable Math Worksheets @ www.mathworksheets4kids.com Name : Pythagorean Theorem 15 cm 15 cm?

Pythagorean Theorem - Math Worksheets 4 Kids

4 Pythagorean Theorem Word Problems Worksheet. 5 Using Pythagorean Theorem worksheet. 6 Conclusion. A simple equation, Pythagorean Theorem states that the square of the hypotenuse (the side opposite to the right angle triangle) is equal to the sum of the other two sides. Following is how the Pythagorean equation is written:

48 Pythagorean Theorem Worksheet with Answers [Word + PDF]

Pythagorean Theorem Word Problems- Independent Practice Worksheet 1. Find the hypotenuse of a triangle with a base of 11 cm and height of 9 cm. 2. Maria walked 3 km west and 4 km south. Calculate how far she is from her starting point. 3. Lena's guest house is 15 m long and 12 m wide. How long is the diagonal of the house?

Name Block Pythagorean Theorem Word Problems- Independent ...

Pythagorean Theorem Worksheets These printable worksheets have exercises on finding the leg and hypotenuse of a right triangle using the Pythagorean theorem. Pythagorean triple charts with exercises are provided here. Word problems on real time application are available.

Pythagorean Theorem Worksheets

Time and work word problems. Word problems on sets and venn diagrams. Word problems on ages. Pythagorean theorem word problems. Percent of a number word problems. Word problems on constant speed. Word problems on average speed Word problems on sum of the angles of a triangle is 180 degree. OTHER TOPICS Profit and loss shortcuts. Percentage ...

Real World Problems on Pythagorean Theorem

EF = 2 x PE = 20.78 cm. Examples of real life Pythagorean theorem word problems. Problem 1: A 35-foot ladder is leaning against the side of a building and is positioned such that the base of the ladder is 21 feet from the base of the building. How far above the ground is the point where the ladder touches the building?

Pythagorean Theorem Word Problems (examples, solutions ...

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Free printable math worksheets pythagorean theorem word ...

PYTHAGOREAN THEOREM WORD PROBLEMS WORKSHEET Problem 1 : One of the diagonals of a rectangle is 20 cm long. If the difference between its length and width is 4 cm, then find the area of the rectangle.

Pythagorean Theorem Word Problems Worksheet

Worksheets are Pythagorean theorem, Pythagorean theorem word problems ws 1 name please, Pythagorean theorem, Name block pythagorean theorem word problems independent, Name date period using the pythagorean theorem in word, The pythagorean theorem date period, Draw a picture and then use the pythagorean theorem to, Using the pythagorean theorem.

Pythagorean Theorem Word Problem Worksheets - Lesson ...

Worksheets are The pythagorean theorem date period, Name block pythagorean theorem word problems independent, Pythagorean theorem practice 1, . Pythagorean theorem work, Pythagorean theorem, Name date period using the pythagorean theorem in word, Draw a picture and then use the pythagorean theorem to. Click on pop-out icon or print icon to worksheet to print or download.

Pythagorean Theorem Practice Problems - Lesson Worksheets

Furthermore, since the two sides of the roof make a right triangle, we can use the Pythagorean theorem to find the length of the beam. $c^2 = a^2 + b^2$ $c^2 = 25^2 + 25^2$ $c^2 = 625 + 625$ $c^2 = 1250$ $c = \sqrt{1250} = 35.35$. The length of the beam is 35.35 feet. More interesting Pythagorean theorem word problems Pythagorean problem # 2 John leaves ...

Pythagorean Theorem Word Problems - Basic Mathematics

Use the Pythagorean theorem to solve word problems. Use the Pythagorean theorem to solve word problems. If you're seeing this message, it means we're having trouble loading external resources on our website. If you're behind a web filter, please make sure that the domains *.kastatic.org and *.kasandbox.org are unblocked.

Pythagorean theorem word problems (practice) | Khan Academy

Pythagorean Theorem Word Problems Draw a picture and then use the pythagorean theorem to solve for the missing side. 1.The bottom of a ladder must be placed 3 feet from a wall. The ladder is 10 feet long. How far above the ground does the ladder touch the wall?

Draw a picture and then use the pythagorean theorem to ...

Pythagorean Word Problems. Pythagorean Word Problems - Displaying top 8 worksheets found for this concept. Some of the worksheets for this concept are The pythagorean theorem date period, Pythagorean theorem, Name block pythagorean theorem word problems independent, Pythagorean theorem word problems ws 1 name please, Pre algebra, Using the pythagorean theorem, Draw a picture and then use the pythagorean theorem to, Pythagorean theorem.

Pythagorean Word Problems Worksheets - Kiddy Math

In this worksheet students will work 12 pythagorean theorem word problems. Once they have solved a problem, they will color the part of the puzzle that matches their answer. When they have finished the worksheet, they will have colored a design at the top. Coloring the design makes it very easy t