
Example activity collection

April 26, 2017

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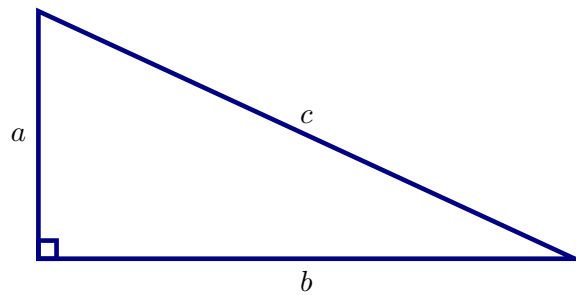
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1 First example

In this activity we see some examples.

To start we can have theorem environments:

Theorem 1. *Given a right triangle drawn with TiKZ:*



We have that:

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

As well as example environments.

Example 1. *For example, this is an example.*

There are exercises you can do:

Exercise 1 $3 \times 2 = \boxed{?}$

1 First example

Some exercises can have hints.

Exercise 2 Given that $r(v) = -2v^2 - 4v - 4$, evaluate $r(-0.4)$. Express your answer in decimal notation.

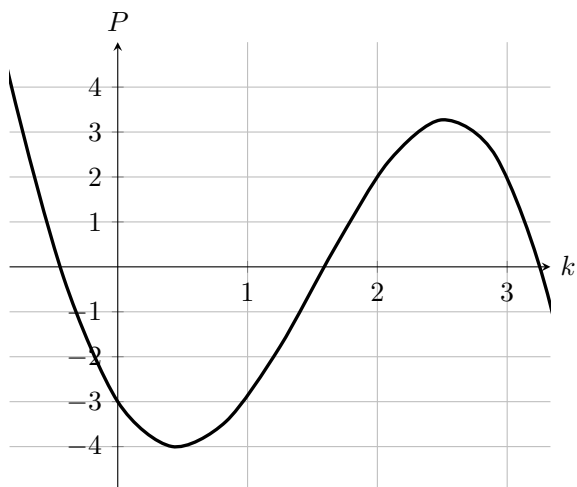
The value of the function $r(v) = -2v^2 - 4v - 4$, evaluated at $v = -0.4$, is .

Question 3 *What is the worst kind of cat?*

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It is also possible to have a list of questions which get shuffled:

Question 4 In the plot below, is P a function of k ?



Multiple Choice:

- (a) Yes.
- (b) No.

Use the plot to compute $P(2)$.

The value of $P(2)$ is .

1 First example

Question 5 Enter the matrix $\begin{bmatrix} x & y \\ xy & z+1 \end{bmatrix}$
