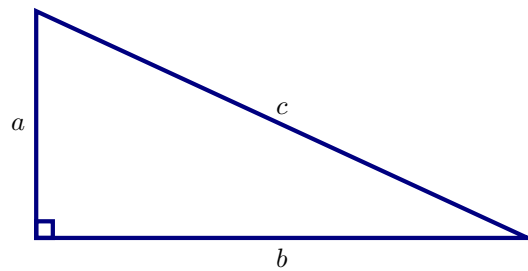# First example

In this activity we see some examples.

To start we can have theorem environments:

Theorem 1 *Given a right triangle:*

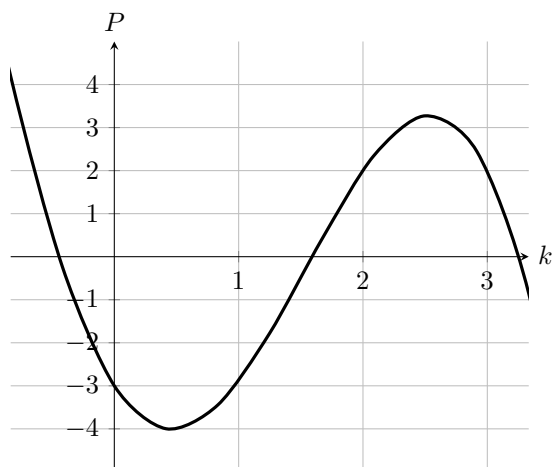*We have that:*

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

Exercise 1 *Given that $r(v) = -2v^2 - 4v - 4$, evaluate $r(-0.4)$. Express your answer in decimal notation.*

Question 2 *What is the worst kind of cat?*

(a) *tabby*

(b) *puppy*

(c) *dog*

(d) *kitten*

(e) *main coon*

Question 3 *In the plot below, is P a function of k?*

(a) *Yes.*

(b) *No.*
    Use the plot to compute P(2).