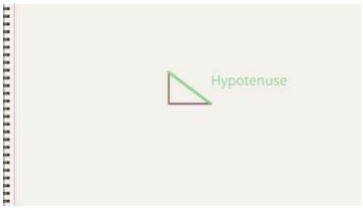
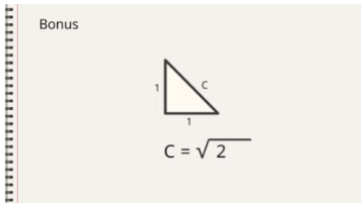
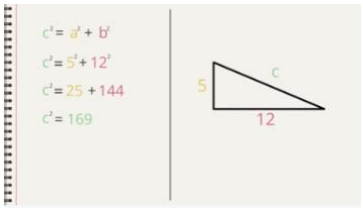
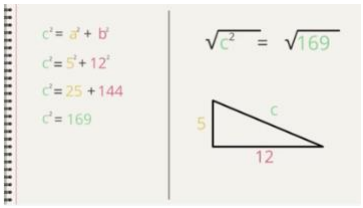
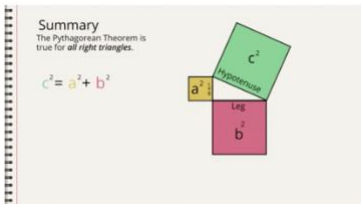
Binogi Video: The Pythagorean theorem
English-Mandarin Bilingual Concept List
The Escape Projects

Hypotenuse The longest side of a right-angled triangle.	**斜边** 直角三角形的最长边。	
Irrational number A number that cannot be written as a fraction and when written as a decimal number, it has an infinite number of decimal digits that do not repeat.	**无理数** 一种无法用分数表达的数字，当用小数表达时，其为无限不循环小数。	
Exponential expression A term that is made up of a number and a smaller number in the top right corner. The small number tells you how many times to multiply the larger number by itself.	**指数表达** 由一个数字和其右上角相对较小的数字够成的术语。较小数字代表了较大数字需要自乘几次。	
Square root The number you should multiply by itself to find the number you have in front of you.	**平方根** 通过自乘得出相应平方进而反推得来的数字。	
Pythagorean theorem In a right-angled triangle, the square of the longest side equals the sum of the squares of the two shorter sides.	**勾股定理** 在直角三角形中，最长边的平方等于短边的平方之和。	
Isolate To separate one term (usually an unknown term) from the other terms in an equation, by placing it on one side of an equation.	**分离** 通过将方程中的某项移到方程一侧的方式，将其与其他项分开。	

Mitacs
UNIVERSITY OF TORONTO
OISE | ONTARIO INSTITUTE FOR STUDIES IN EDUCATION
Binogi