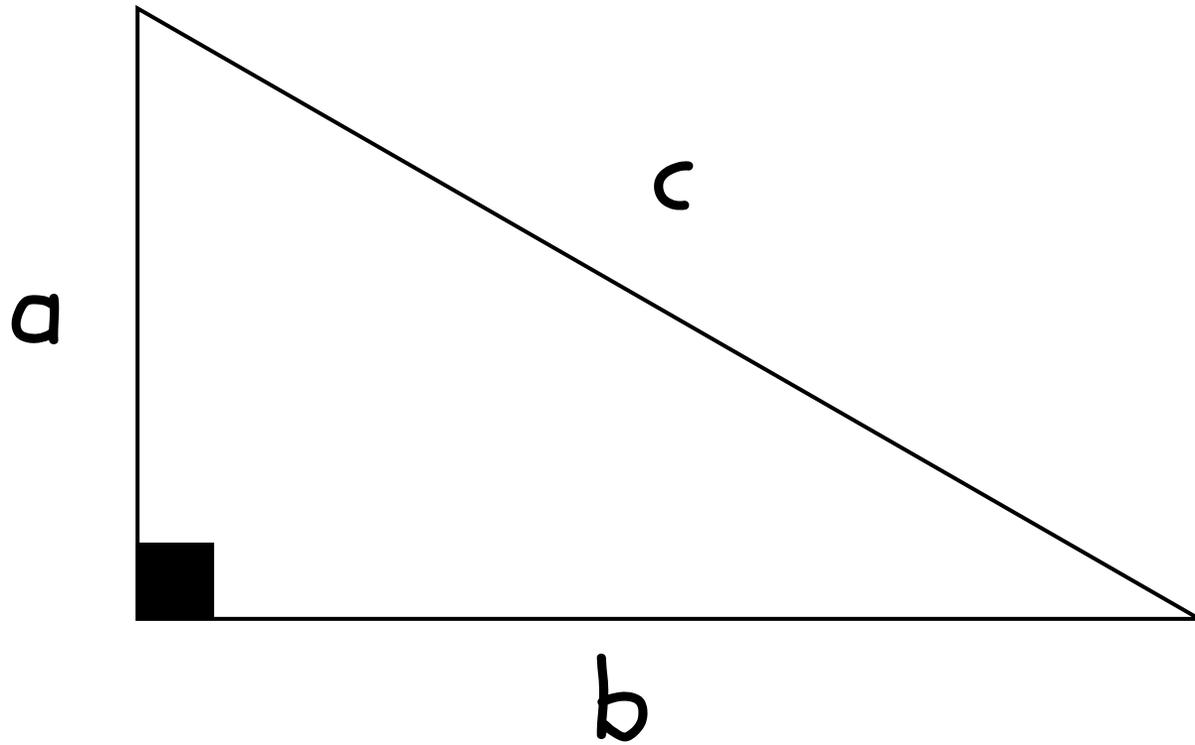
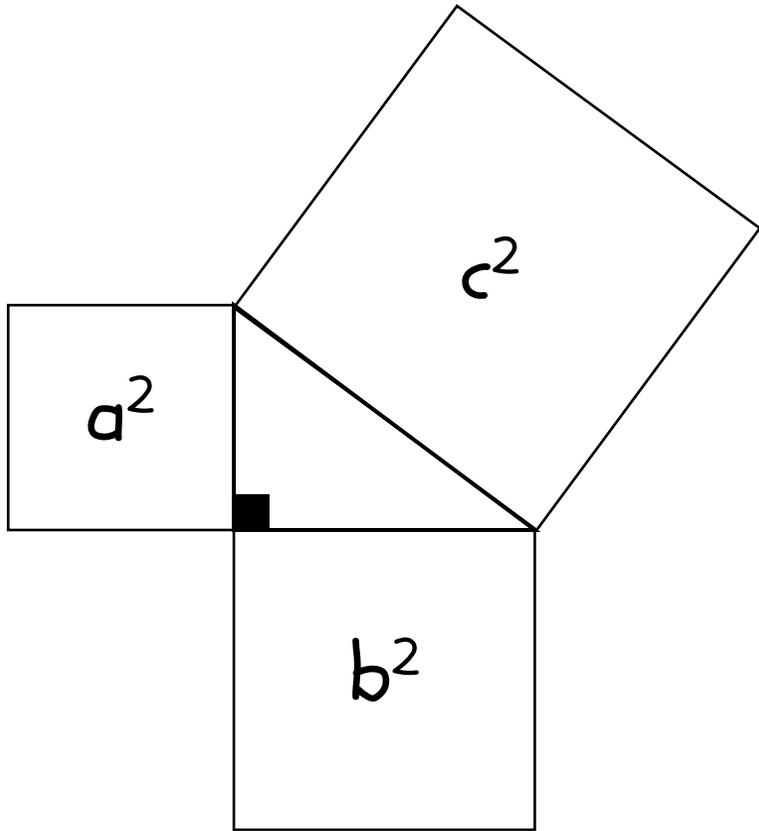


Pythagoras' Theorem





Pythagoras' Theorem states that...

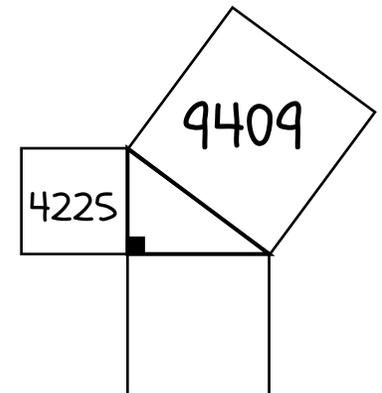
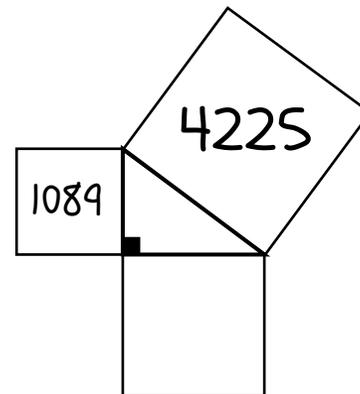
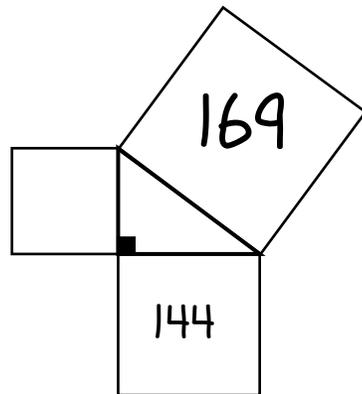
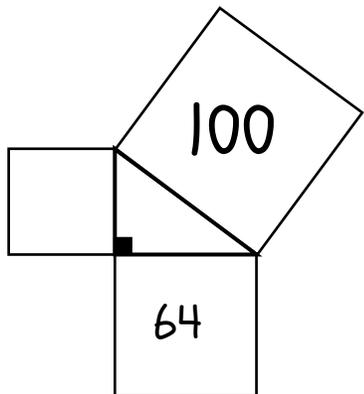
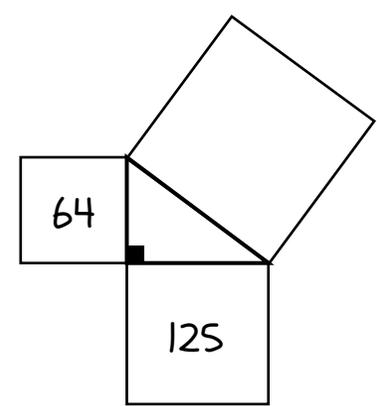
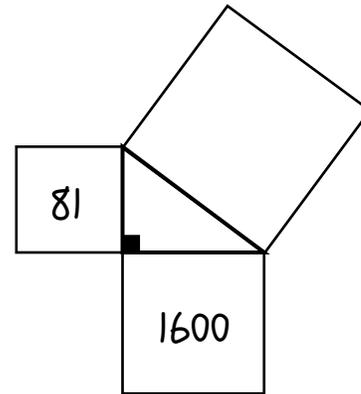
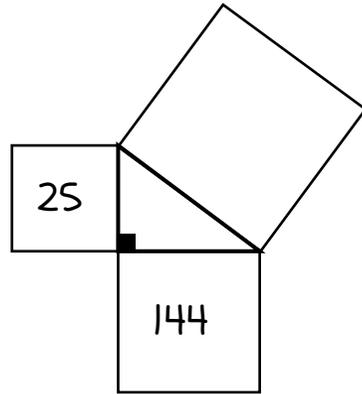
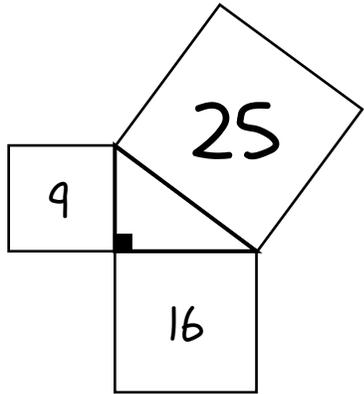
"the square of the hypotenuse in a right angled triangle is equal to the sum of the other two squares".

In other words...

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

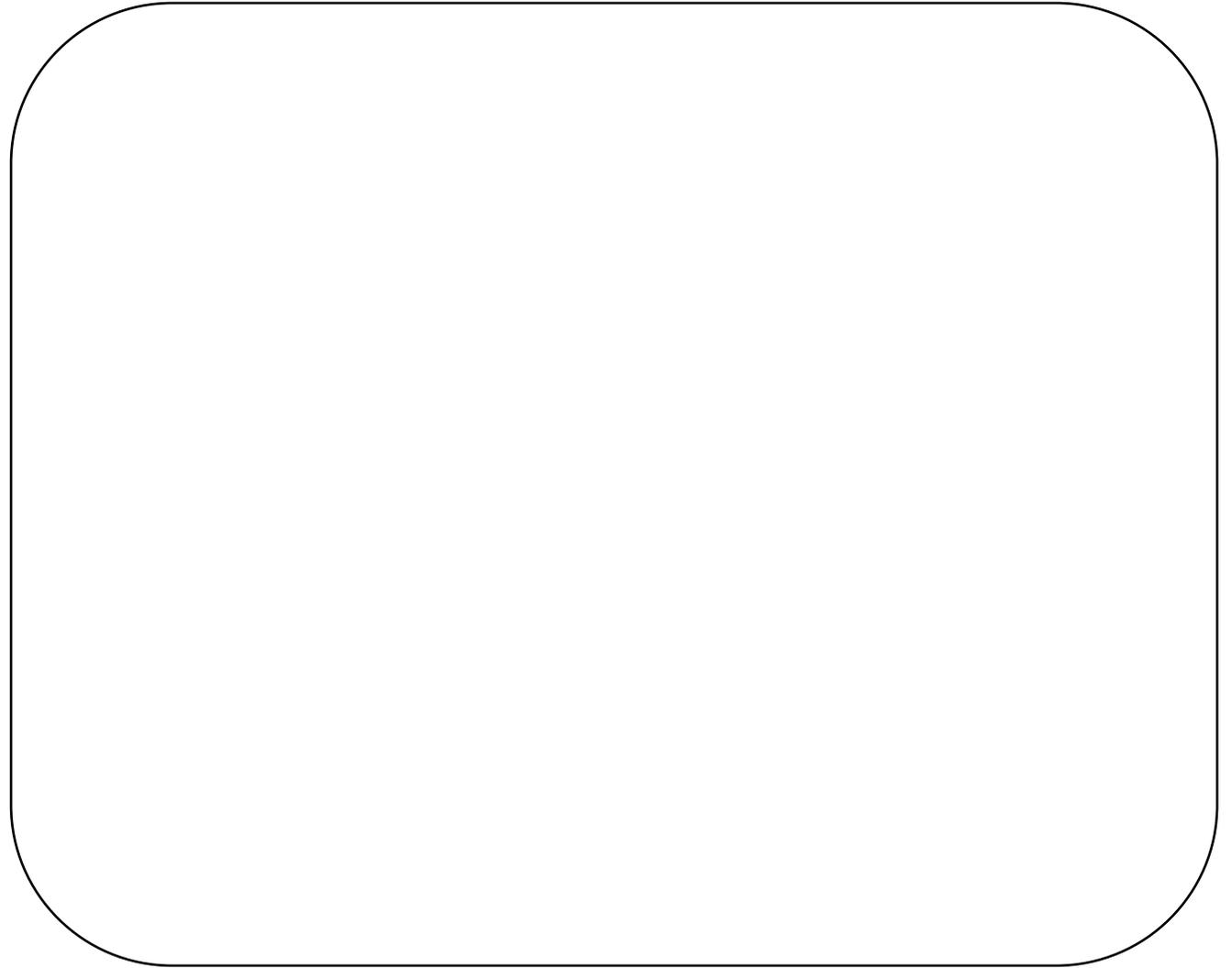
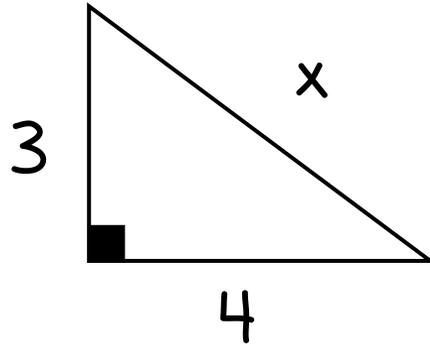
Task 1

Fill in the missing values of the squares...



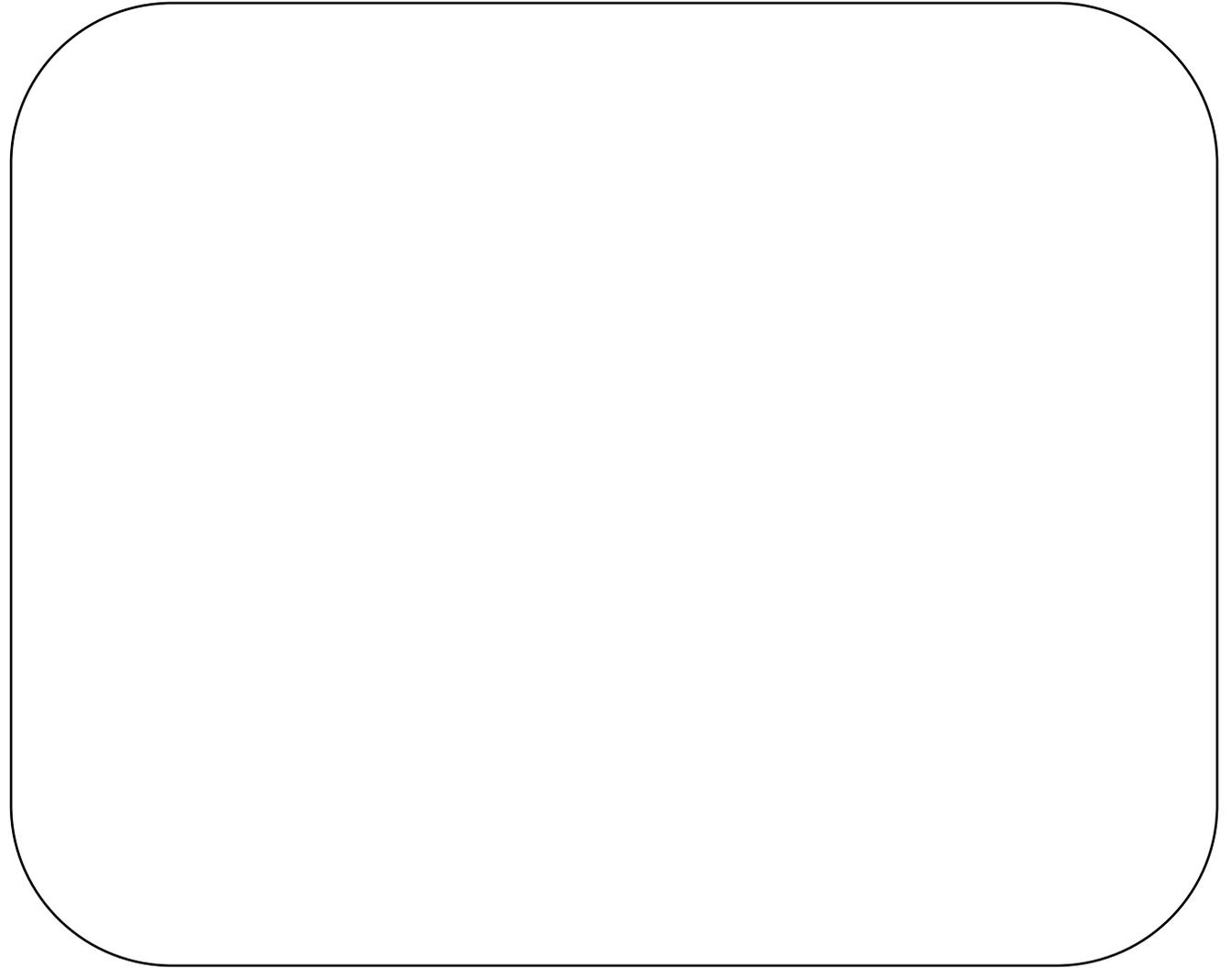
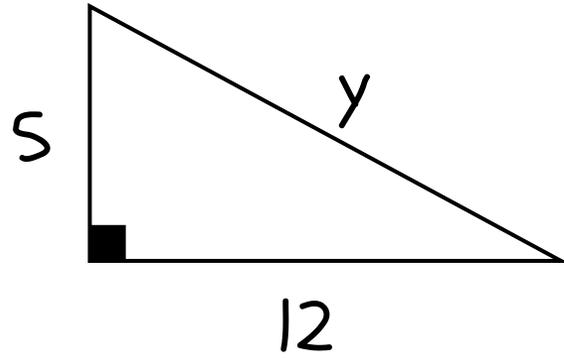
Example 2

Calculate the value of x



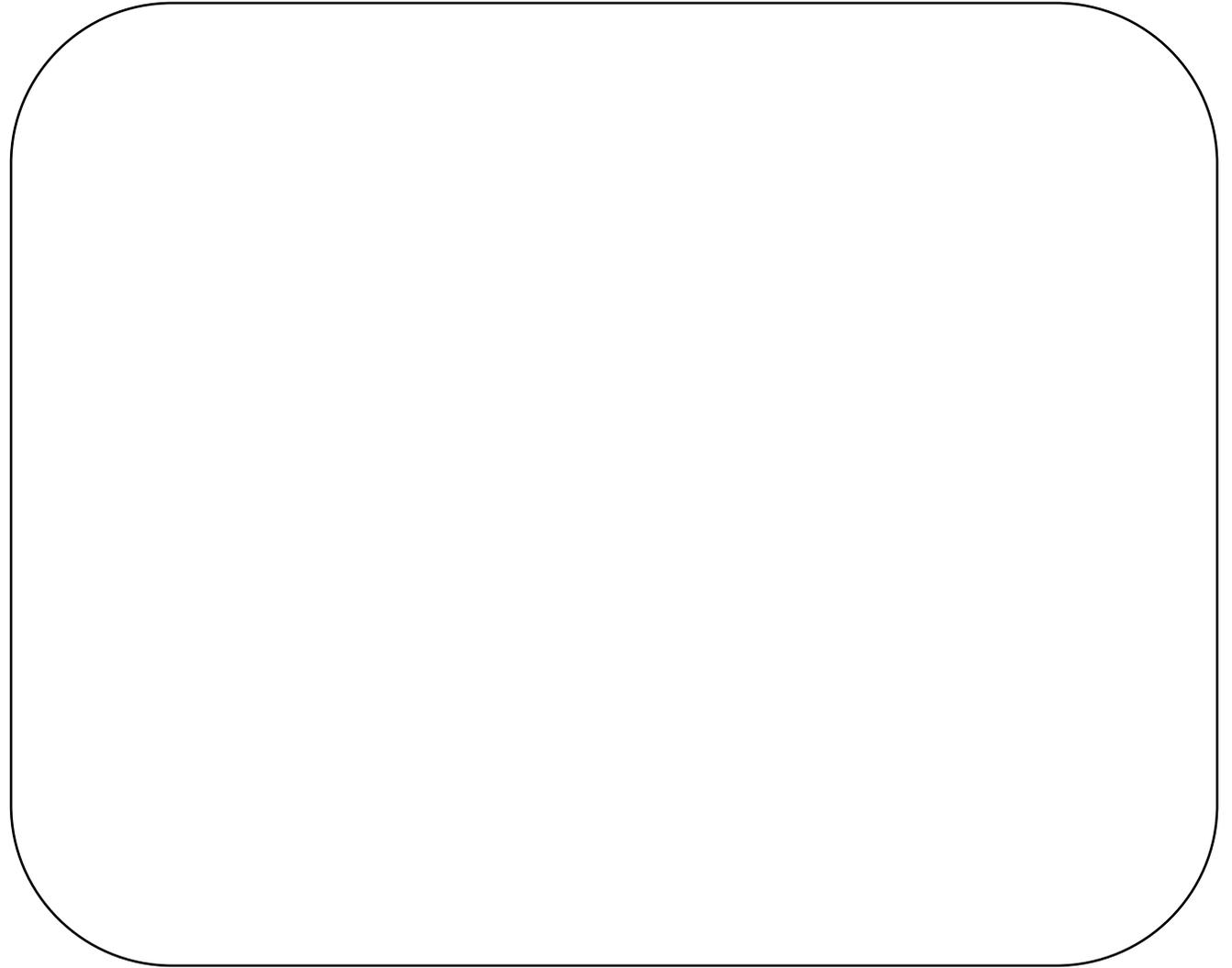
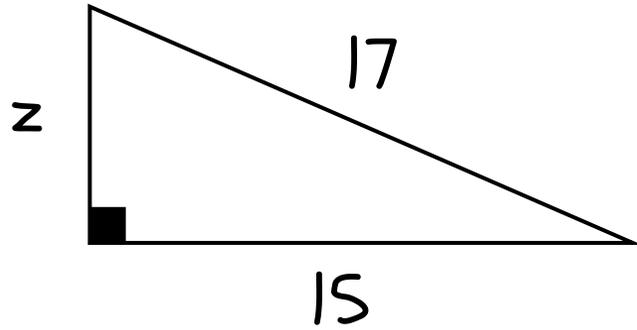
Example 3

Calculate the value of y



Example 4

Calculate the value of x



Task 5

Calculate all the missing lengths in each right-angled triangle

