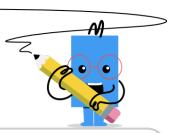
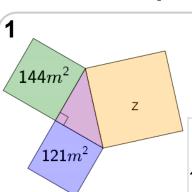


## mobius

## Pythagorean Theorem - Triangle with Squares Image to Area Calculation

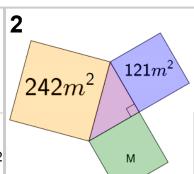




Find the area of square Z based on the Pythagorean theorem

АВ

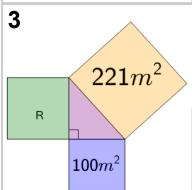
$$Z = 265m^2$$
  $Z = 23m^2$ 



Find the area of square M based on the Pythagorean theorem

В

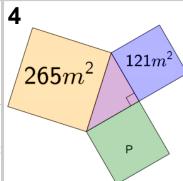
$$M=363m^2 M=121m^2$$



Find the area of square R based on the Pythagorean theorem

АВ

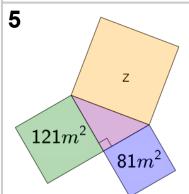
$$R = 321m^2 R = 121m^2$$



Find the area of square P based on the Pythagorean theorem

A B

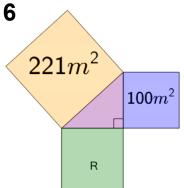
$$P = 144m^2 P = 386m^2$$



Find the area of square Z based on the Pythagorean theorem

В

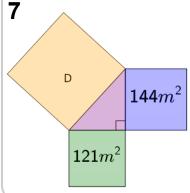
$$Z=202m^2$$
  $Z=40m^2$ 



Find the area of square R based on the Pythagorean theorem

A B

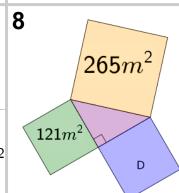
$$R = 321m^2 R = 121m^2$$



Find the area of square D based on the Pythagorean theorem

АВ

$$D = 265m^2 D = 23m^2$$



Find the area of square D based on the Pythagorean theorem

Α

$$D = 144m^2 D = 386m^2$$