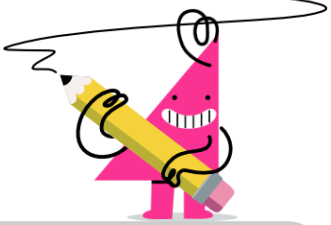
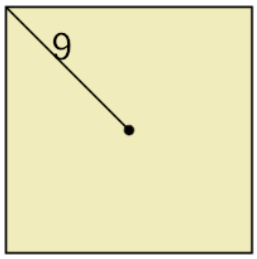
Name

Pythagoras in Squares - Center Hypotenuse to Area Equation



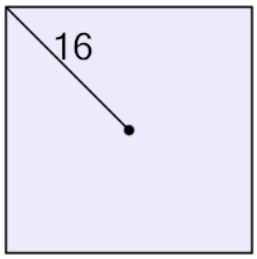
1



Find the area of the square, given a diagonal to the center of length 9

A $4 \cdot \sqrt{\frac{9^2}{\sqrt{2}}}$ B $2 \cdot 9^2$

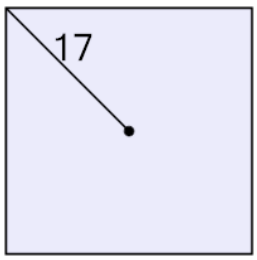
2



Find the area of the square, given a diagonal to the center of length 16

A $4 \cdot \sqrt{\frac{16^2}{\sqrt{2}}}$ B $2 \cdot 16^2$

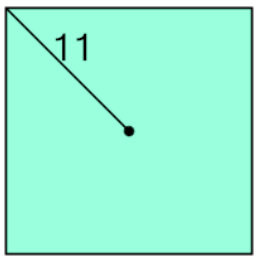
3



Find the area of the square, given a diagonal to the center of length 17

A $4 \cdot \sqrt{\frac{17^2}{\sqrt{2}}}$ B $2 \cdot 17^2$

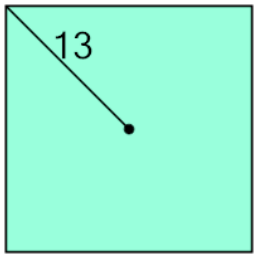
4



Find the area of the square, given a diagonal to the center of length 11

A $2 \cdot 11^2$ B $4 \cdot \sqrt{\frac{11^2}{\sqrt{2}}}$

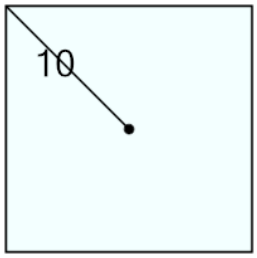
5



Find the area of the square, given a diagonal to the center of length 13

A $4 \cdot \sqrt{\frac{13^2}{\sqrt{2}}}$ B $2 \cdot 13^2$

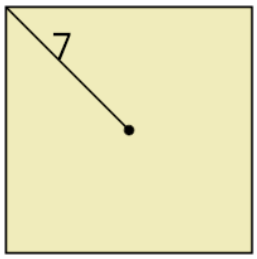
6



Find the area of the square, given a diagonal to the center of length 10

A $4 \cdot \sqrt{\frac{10^2}{\sqrt{2}}}$ B $2 \cdot 10^2$

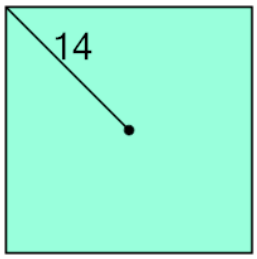
7



Find the area of the square, given a diagonal to the center of length 7

A $4 \cdot \sqrt{\frac{7^2}{\sqrt{2}}}$ B $2 \cdot 7^2$

8



Find the area of the square, given a diagonal to the center of length 14

A $4 \cdot \sqrt{\frac{14^2}{\sqrt{2}}}$ B $2 \cdot 14^2$