

Topic 1 : Circles: Area

MODEL 1:

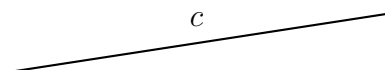
Question 1.1

mode decimal

question A right triangle has legs that measure 2 meters and 13 meters. Use the Pythagorean Theorem to find the exact length of the hypotenuse of the right triangle.

answer $1*(173)^{(1/2)}$

solution The first step is to sketch a right triangle with legs measuring 2 feet and 13 feet.



answerTeX $\sqrt{173}$

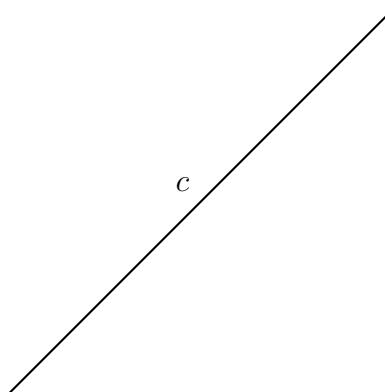
Question 1.2

mode decimal

question A right triangle has legs that measure 8 meters and 8 meters. Use the Pythagorean Theorem to find the exact length of the hypotenuse of the right triangle.

answer $8*(2)^{(1/2)}$

solution The first step is to sketch a right triangle with legs measuring 8 feet and 8 feet.



answerTeX $8\sqrt{2}$