Alexa created a drawing to show the area of Noah's rectangle of fabric. Each side of Zara's square of fabric is $y$ inches.

Alexa also wrote the following equation to represent the area of Noah's rectangle of fabric


1. Pick a value for $y$ and substitute it into Alexa's equation to check that the equation is correct.

## Length of Zara's square of fabric:

$\qquad$
2. Explain why Alexa's equation is correct.
$\qquad$
$\qquad$
$\qquad$
"Worksheet: Multiplying Binomials Unit, Lesson 6, Episode 5" by MathTalk is licensed under CC BY-NC-SA 4.0

