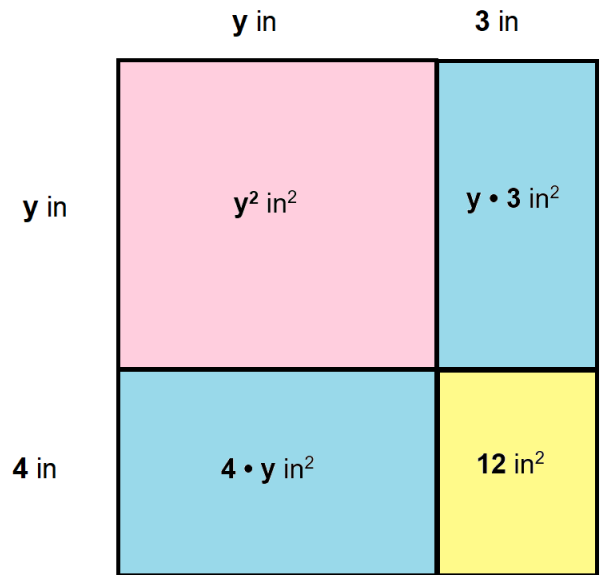


Alexa created a drawing to show the area of Noah's rectangle of fabric. Each side of Zara's square of fabric is y inches.

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

$$(y + 4) \cdot (y + 3) = y^2 + (4 \cdot y) + (y \cdot 3) + 12$$



1. **Make a drawing** of Noah's rectangular fabric when $y = 2$ inches. Label all the lengths, widths, and areas.



2. **Underline each part** of Alexa’s equation that represents a **length**. For each part, specify which length it is.

$$(y + 4) \cdot (y + 3) = y^2 + (4 \cdot y) + (y \cdot 3) + 12$$

_____ is the length of _____

_____ is the length of _____

_____ is the length of _____

3. **Underline each part** of Alexa’s equation that represents a **width**. For each part, specify which width it is.

$$(y + 4) \cdot (y + 3) = y^2 + (4 \cdot y) + (y \cdot 3) + 12$$

_____ is the width of _____

_____ is the width of _____

_____ is the width of _____



4. **Underline each part** of Alexa’s equation that represents an area. For each part, specify which area it is.

$$(y + 4) \cdot (y + 3) = y^2 + (4 \cdot y) + (y \cdot 3) + 12$$

_____ is the area of _____

_____ is the area of _____

_____ is the area of _____

_____ is the area of _____

_____ is the area of _____

_____ is the area of _____

