ex 1

1. \[ P = 240 \text{ inches} \]

\[ \begin{array}{c}
\text{w} \\
\text{w + 44}
\end{array} \]

2. \[ P = 2l + 2w \]

\[ 240 = 2(w+44) + 2w \]

3. \[ 240 = 2w + 88 + 2w \]

\[ 240 = 4w + 88 \]

\[ \begin{array}{c}
88 \\
-88
\end{array} \]

\[ 152 = 4w \]

\[ \frac{152}{4} = \frac{4w}{4} \]

\[ 38 = w \]

4. the width = 38” the length = 82”

An isosceles triangle is one that has two sides equal in length.

And, in an isosceles \( \Delta \), the angles opposite the equal sides are also equal.