1.2 Imperial Measurement

Tuesday, May 10, 2016
12:33 PM

Inches  feet  yards  miles

12 3 1760

Scale  In a picture the scale is 1:24. The picture of a bear is 2 in high. How high is it in real life?

Proportional Calculation:  Picture \( \frac{1}{24} \) = \( \frac{2}{?} \)  
Real \( \frac{24}{x} \)  

Ex 3 on pg 28

\[
\frac{1}{15} \times 15'' = 15'' \\
\text{Circumference} = 15\pi''
\]

Sinew: (3\(\frac{1}{2}\)) (15\(\pi\))

\( = 165'' \) of Sinew.

Your turn:

165 in \( \Rightarrow \) 13 ft 9 in

\[
\frac{165}{36} = 4 \text{yd } 21 \text{ in.}
\]

\[
\frac{13\frac{3}{4}}{12} \Rightarrow 13\frac{3}{4} \text{ ft}
\]

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