

Proportional Calculator

(Instructions)

Display Diagrams

Double click on the icon to launch the application. The application will default to **Basic** view. While in **Basic** view square footage is the only calculation available. To utilize limiting factors, (**Max Height**, **Max Width** and **Max Square Footage**), click on **Advanced** view in the top right corner and proceed to **page 3**.

Basic Display (Default) page 2

Theme / Display Options

Current Height Section

Current Width Section

Calculate Section

Results Section

Required Fields

Advanced Display page 3

Theme / Display Options

Current Height Section

Current Width Section

Max Height Section

Max Width Section

Max Square footage Section

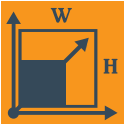
Calculate Section

Results Section

Required Fields

Limiting Factors

Instructions(*Basic*)



To find only the square footage of an object, follow these steps:

1. Enter a number in both the *Current Height* and *Current Width*.

Current Height: 5

Current Width: 10

Enter Current Height measurement here.

Enter Current Width measurement here.

2. The *Current Height* and *Current Width* can be entered in *inches* by default or select *feet*.

inches feet

Select *inches* or *feet* by toggling between these buttons

3. Click the *Calculate* Button to view the square footage of the object.

CALCULATE

Click Calculate Button

Both Current Height and Current Width are required for calculation

4. View of the results from the calculated height and width.

Height: 5.0" | 0.42'

Width: 10.0" | 0.83'

Square Footage: 0.35'

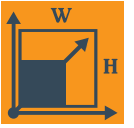
Returned Height in inches and feet

Returned Width in inches and feet

Returned Square Footage

See next page for Advanced Options.

Instructions(*Advanced*)



To scale the current object up or down, follow these steps:

1. Enter a number in both the ***Current Height*** and ***Current Width***.

A dark blue rectangular panel with two input fields. The top field is labeled 'Current Height:' in orange text and contains the number '5'. The bottom field is labeled 'Current Width:' in orange text and contains the number '10'.

Enter Current Height
measurment here.

Enter Current Width
measurment here.

2. Enter a number in one or all limiter sections, ***Max Height***, ***Max Width*** or ***Max Square Footage***. If all sections are filled, the first limiter reached will stop the calculation.

A dark blue rectangular panel with three input fields. The top field is labeled 'Max Height:' in orange text and contains the number '20'. The middle field is labeled 'Max Width:' in orange text and contains the number '30'. The bottom field is labeled 'Max Sqaure Footage:' in orange text and contains the number '10'.

Enter Max Height
measurment here.

Enter Max Width
measurment here.

Enter Max Square Footage
measurment here.

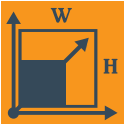
3. The ***Current Height***, ***Current Width***, ***Max Height*** and ***Max Width*** can all be entered in ***inches*** or ***feet***. The application will default to inches, please select accordingly.

A dark blue rectangular panel with two buttons. The left button is labeled 'inches' and the right button is labeled 'feet'.

Select ***inches*** or ***feet*** by toggling
between these buttons

Continued on next page

Instructions(*Advanced*)



4. Click the Calculate Button when both (***Current Height***, ***Current Width***) and one or more of the three Limiters (***Max Height***, ***Max Width*** and ***Max Square Footage***) have been filled.



Click The Calculate Button

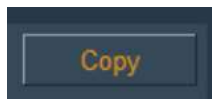
If either of the required fields are left blank the calculate button will not calculate.

5. Results will show Height, Width (inches | feet) and Square Footage of the new object's demensions. These Demensions are proportionally sized from the original measurments entered in the ***Current Height*** and ***Current Width*** until a ***Limitier*** has been reached.



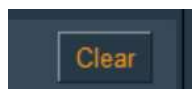
← Returned Height in inches and feet
← Returned Width in inches and feet
← Returned Square Footage

7. The ***Copy*** button, located in the Results Section, can be used to quickly copy the results to the clipboard and be pasted to your document.

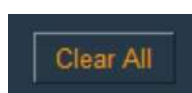


Click Copy Button to copy results.

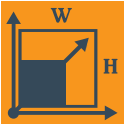
8. To calculate a new object or to change one of the existing parameters, the ***Clear*** or ***Clear All*** Buttons can be used to either clear an individual section or all sections.



← Clear Button used to clear the entry in the corosponding section.



← Clear All Button used to clear the entries in all the sections.



User,

Thank you for downloading this Proportional Calculator. Reviews are appreciated.

<https://sourceforge.net/projects/proportional-calculator/reviews>

*Thank you,
Richard Wilson*