



# Siding Calculation Worksheet

Date: \_\_\_\_\_

Store: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Rep: \_\_\_\_\_ Customer: \_\_\_\_\_

<u>Profile</u>	<u>2x8 Sample</u>	_____	
<b>Square Footage Requirement</b>	928 sq ft	_____ sq ft	
<b>Conversion Factor Divider</b> (divide square footage by conversion factor to obtain wall lineal footage)	.54	_____	
<b>Lineal Footage Walls</b>	1719 ln ft	_____ ln ft	
<b>Lineal Footage Gables</b>	312 ln ft	_____ ln ft	
	<b>Subtotal</b>	_____	
<b>Deductions</b>			
<b>Windows/Doors</b>	(317) ln ft	(_____) ln ft	
<b>Deductions Tails if applicable</b>	(180) ln ft	(_____) ln ft	
	<b>Subtotal</b>	_____	
<b>Waste Factor Add 5%</b> <b>(10% for 4-1/2x9)</b>	77 ln ft	_____ ln ft	
<b>Total Lineal Footage Required</b>	1612 ln ft	_____ ln ft	
<b>Full Corner Tails Required – if applicable</b>	60 Tails	_____ Tails	
<b>V-notch Corners</b>	8' _____ qty	10' _____ qty	12' _____ qty
<b>Window &amp; Door Trim</b>	8' _____ qty	12' _____ qty	16' _____ qty
<b>Inside Corners</b>	8' _____ qty	10' _____ qty	12' _____ qty
<b>J-Blocks</b>	Outlet _____ qty	Fixture _____ qty	



## Estimating Siding

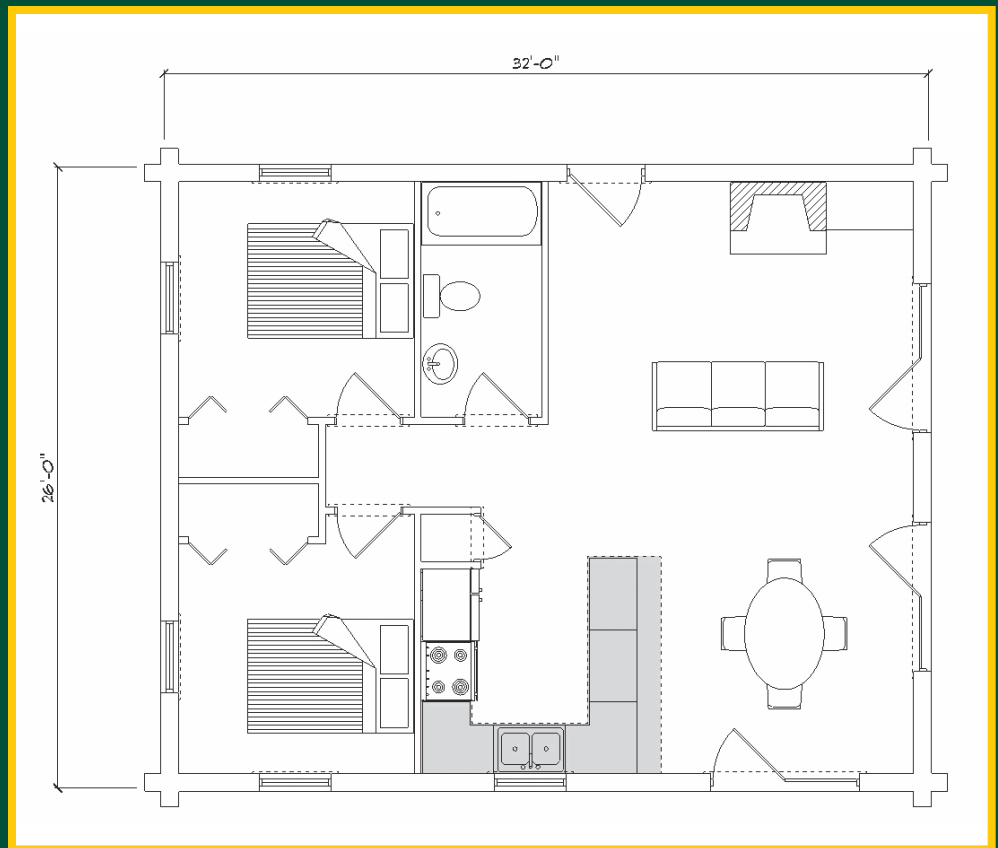
Profile	1x8 T&G	2x6	2x8	3x8	2.5x10
	Carsiding	Log Siding	Log Siding	Log Siding	Log Siding
<b>Coverage</b>	6.875"	4.625"	6.5"	7'	8"
<b>Conversion Factor</b>	0.57	0.38	0.54	0.58	0.66
<b>Lineal Feet Per 100 Sq Ft</b>	176	263	186	174	152
<b>Lengths</b>	8'-16' Even	8', 12', 16'	8', 12', 16'	8', 12', 16'	8', 12', 16'
<b>Corners</b>	N/A	N/A	5' Tail Pc.	8' Tail Pc.	8' Tail Pc.
<b>Avg Tail Coverage</b>	N/A	N/A	3'	6'	6'

Profile	4.5x9	3x10	2x8 T&G	3.5x9 T&G	2x10 T&G
	Log Siding	Log Siding	Timber Siding	Timber Siding	Timber Siding
<b>Coverage</b>	8"	8.5"	6.625"	8"	8.625"
<b>Conversion Factor</b>	0.66	0.7	0.54	0.66	0.7
<b>Lineal Feet Per 100 Sq Ft</b>	152	144	182	152	142
<b>Lengths</b>	8'-16' Even	8', 12', 16'	8', 12', 16'	8', 12', 16'	8', 12', 16'
<b>Corners</b>	10' Tail Pc.	8' Tail Pc.	N/A	8' Tail Pc.	N/A
<b>Avg Tail Coverage</b>	8'	6'	N/A	7'	N/A



## Estimating Your Project

26'-0" x 32'-0"  
8' Wall Height  
6/12 Roof Pitch  
Over 26'



### Proposed Plan

- Step 1:** Estimating side wall square footage
- Step 2:** Converting square footage to lineal footage
- Step 3:** Estimating gable end lineal footage
- Step 4:** Estimating full tail corner requirements
- Step 5:** Deductions for doors/windows, full tail corner coverage

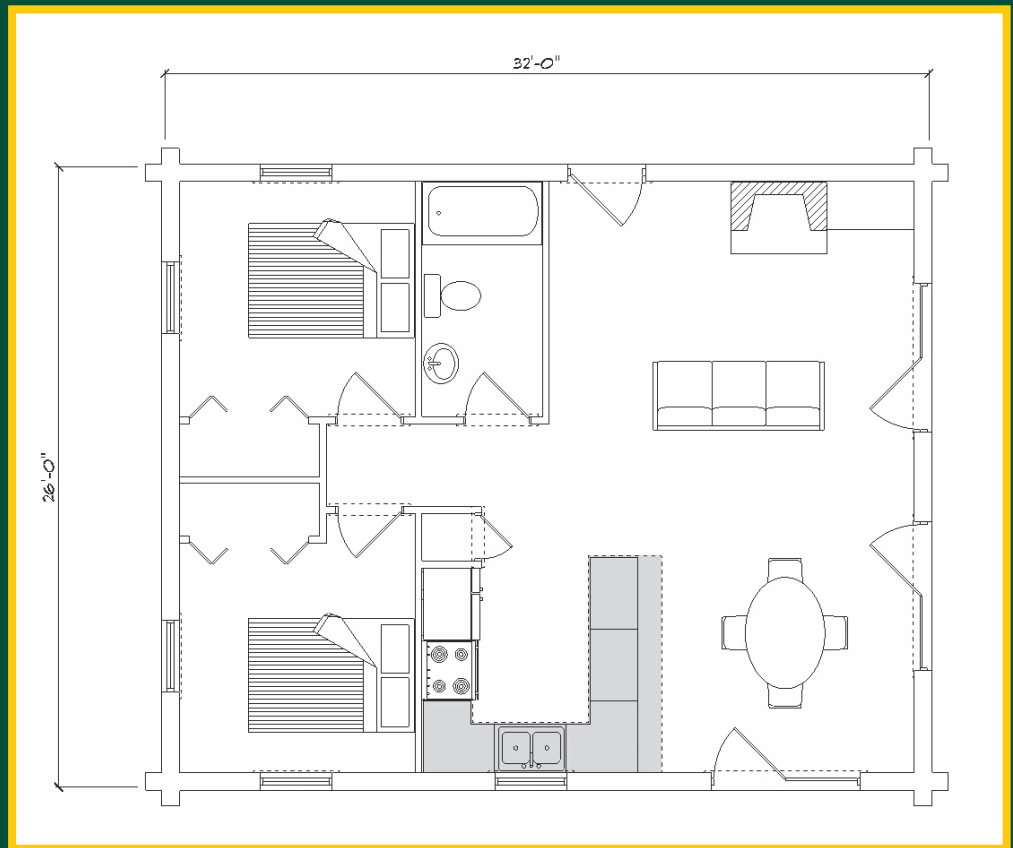


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# Estimating Side Wall Square Footage

26'-0" x 32'-0"  
 8' Wall Height  
 6/12 Roof Pitch  
 Over 26'

## Step 1



## Proposed Plan

### Side wall square footage

Add Wall Lengths:  $32' + 32' + 26' + 26' = 116'$

Multiply by Wall Height:  $\begin{array}{r} X \quad 8' \\ \hline 928 \end{array}$

Total Wall Length

Wall Height

Total Sq. Ft.



## Converting to Lineal Footage

Profile	2x8
Square Foot Requirement	928 Sq Ft
Conversion* Factor	.54
Lineal Foot Requirement	1719 lf

### Step 2

#### Converting Square Footage to Lineal Footage

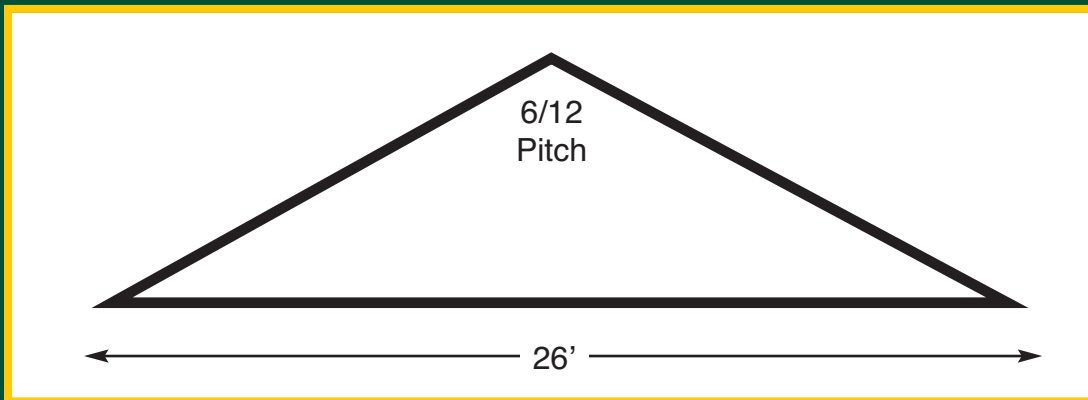
Divide the calculated total square footage by the appropriate conversion factor to determine the total lineal footage requirement for your project.

\* Represents the number of square feet per lineal foot



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## Estimating Gable End Lineal Footage



Proposed Plan

### Step 3

#### Estimating Gable End Lineal Footage

- Determine the wall length of the gable end and divide by two
- Multiply 1/2 the wall length times the roof pitch height
- Divide the sum by the appropriate siding coverage
- For one gable end multiply this sum times 1/2 the wall length
- For both gable ends multiply this sum times the full wall length

#### EXAMPLE:

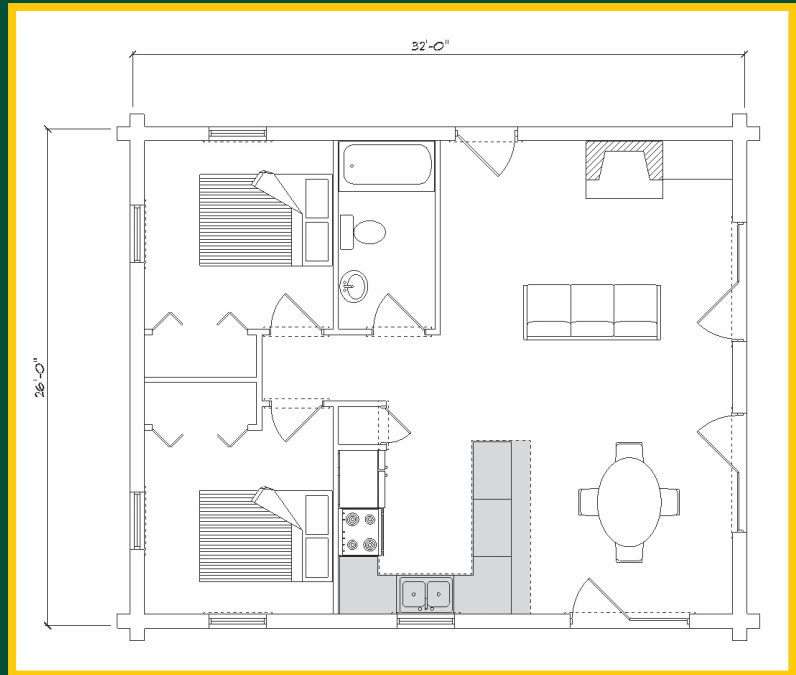
$$\begin{array}{r} 13 \\ \times 6 \\ \hline 78 \\ \div 6.5 \\ \hline 12 \\ \times 26 \\ \hline \end{array}$$

**312 Ln. Ft.**

*(Total Lineal Footage for both gable ends)*

## Estimating Full Tail Corners

26'-0" x 32'-0"  
8' Wall Height  
6/12 Roof Pitch  
Over 26'



**Proposed Plan**

### Step 4 Estimating Full Tail Corner Requirements

- Measure the total vertical height of all corners
- Divide the total vertical height by the conversion factor to obtain the total number of corner tail pieces required (round to next even number)
- Divide this total evenly between right and left hand corner tails
- Double the number of tails needed if using 4 1/2 x 9 half log siding with Saddle Notch corners or 3 1/2 x 9 with Dovetail corners.

**EXAMPLE:**  
 4 Corners  
 x 8' Height  
 = 32' Total  
 / .54 Conver.  
 = 59.3 Tails  
**60 Tails**  
**30 Right Hand**  
**30 Left Hand**

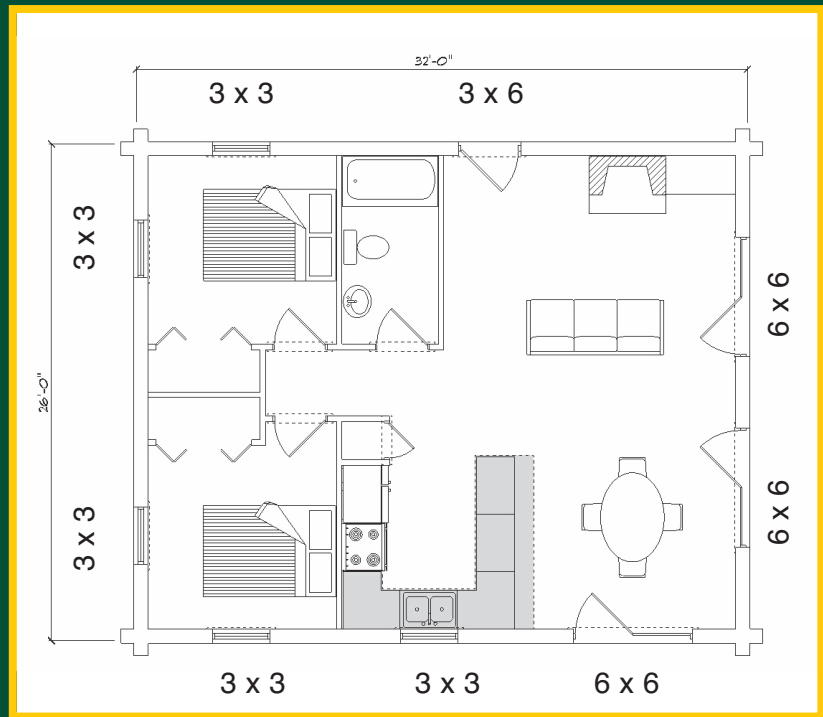


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## Estimating Deductions

26'-0" x 32'-0"  
8' Wall Height  
6/12 Roof Pitch  
Over 26'

### Step 5 Estimating Deductions for Doors/Windows and Full Tail Corner Coverage



Proposed Plan

### Doors/Windows Square Footage

$9 + 9 + 9 + 9 + 9 + 18 + 36 + 36 + 36 = 171$  Square Feet

$\div .54$  (Divide by Conversion Factor)

317 Total Ln. Ft. Doors/Windows

### Full Tail Corner Coverage

- Multiply the total number of tails times the average tail coverage
- Subtract this total from the overall lineal footage requirement  
 $60 \text{ Tails} \times 3' \text{ Avg. Tail Coverage} = 180 \text{ Lineal Feet of Wall Coverage}$