

Pre-Apprenticeship Carpentry -Math Pre-Test-

Date: _____

Name: _____

Please answer the following to the best of your ability. Show your work, use the reverse if you need more space.

1.)
$$\begin{array}{r} 637 \\ +124 \\ \hline \end{array}$$

2.)
$$\begin{array}{r} 867 \\ +542 \\ \hline \end{array}$$

3.)
$$\begin{array}{r} 137 \\ -123 \\ \hline \end{array}$$

4.)
$$\begin{array}{r} 946 \\ -511 \\ \hline \end{array}$$

5.)
$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

6.)
$$\begin{array}{r} 18 \\ \times 24 \\ \hline \end{array}$$

7.) A carpenter is building a temporary fence around a building site. How many metres of fencing are required for a site that is 57.8 m × 40.5 m? Draw and show your work. Round your answer up to the nearest metre.

8.) If an apprentice carpenter earns \$183.20 for 8 hours of work, what does she get for one hour worked?

ANSWERS:



9.) Convert each decimal into percent:

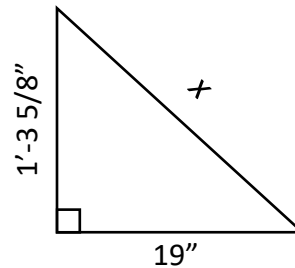
a) 0.04	
b) 1.25	
c) 2.3	

10.) Convert each fraction into decimal:

d) $\frac{1}{4}$	
e) $\frac{39}{10}$	
f) $\frac{23}{100}$	

11.) What is the Area of this triangle?

Formula: $A = \frac{b \times h}{2}$



12.) How many studs will a carpenter need to frame the exterior walls of the building below? Use the formula given below to estimate the number of studs.

Formula: Number of studs = $\frac{\text{perimeter}}{2}$

