

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_ Test Administrator \_\_\_\_\_

## Workplace Math Skills Assessment

Section III - Shop Fractions \_\_\_\_\_ Mastery ( 7 out of 8 correct )  
Addition and Subtraction \_\_\_\_\_ Referred to training

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1. The top of the highest hinge on a door is placed 6 **e** inches from the top of the door. The top of the second hinge is placed 31  $\frac{1}{2}$  inches below the top of the first hinge. How many inches from the top of the door is the top of the second hinge?
2. Three boards are each 17 **f** inches long. What is the total length of the boards?
3. What is the length of a 23 **c** inch board after a 9  $\frac{3}{4}$  inch piece is cut off the board?
4. What is the difference in length between a board that is 23  $\frac{13}{16}$  inches and a board that is 19  $\frac{2}{32}$  inches long?
5. Add the following lengths: 7  $\frac{11}{32}$  inches, 11 **d** inches, 3  $\frac{1}{16}$  inches, and 5  $\frac{3}{4}$  inches.
6. A cupboard door measures 33  $\frac{17}{32}$  inches and it should measure 33**d** inches. How much do you need to sand off to make the door the correct size?
7. 
$$\begin{array}{r} 17 \text{ d inches} \\ - 3\frac{7}{16} \text{ inches} \end{array}$$
8. 
$$\begin{array}{r} 23\frac{1}{4} \\ - 3\text{e} \end{array}$$