

**6th Review #41 – WORK MUST BE**

SHOWN

**FOR EACH PROBLEM – NO CALCULATORS**

1. Mrs. Jones has 24 gold stickers that she bought to put on perfect test papers. She took  $\frac{1}{2}$  of the stickers out of the package, and then she used  $\frac{1}{3}$  of that half on the papers. How many stickers did she use on the perfect test papers? *(Show how you found the # of stickers)*

- A**    **2**  
**B**    **4**  
**C**    **6**  
**D**    **8**

2. Multiply:  $1\frac{5}{9}$  and  $2\frac{1}{2}$   
*(Use the shortcut to solve)*

3. Betsy had \$8.04 from her allowance. She bought 6 packs of gum. How much did each pack of gum cost? *(show how you found the cost of each pack)*

**Name** \_\_\_\_\_

4. Jack purchased a wrench for \$8.59, a hammer for \$12.99, & a leveler for \$5.25. How much money did he spend? *(Show all the work for solving the problem)*

5. Brady bought  $\frac{3}{8}$  ounces of caramel,  $1\frac{3}{4}$  ounces of chocolate, and  $2\frac{1}{2}$  ounces of gum drops. How many ounces did he buy? *(Show how you found the answer)*

6. The house that was being built was  $\frac{2}{5}$  of the way done. What percent of the house needed to be finished? *(use a fraction strip or show how you found the percent that needed to be finished)*

- A**    60%  
**B**    40%  
**C**    25%  
**D**    75%

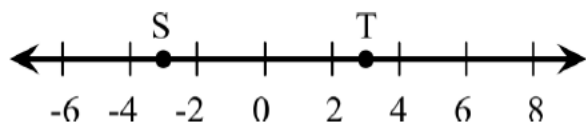
**Adv. Review #41 (7<sup>th</sup> grade SOLs)**

**SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!**

**7. The highest recorded temperature in West Virginia is 112 degrees Fahrenheit. The lowest is -37 degrees Fahrenheit. What is the difference from the low temperature to the high temperature?**

**8.**

Which is *closest* to the distance between points *S* and *T*?



- A. 0      B. 3      C. 6      D. 7

**9. Solve the following the rule:**

$$-732 + 193$$

**10. Model the following expression with counter chips (+, -); then solve.**

$$-1 + -1$$