

1.3 Inequalities - Day 3

Bernadette plans to buy a new pair of jeans. The sales tax is 8%. She has \$25 to spend. Write an inequality for the situation. (Hint: Use C as the cost of jeans before tax.)

$$\begin{array}{lcl} \text{let } C = \text{cost of jeans} & \text{Tax} = 8\% \text{ of the cost} & \\ \text{Cost} + \text{tax} \leq 25 & = 0.08C & \\ C + 0.08C \leq 25 & & \end{array}$$

the sum of $\left[\begin{array}{l} \text{the sum of} \\ \text{the difference of} \end{array} \right] ()$

less than \rightarrow subtraction

is less than $\rightarrow <$

HOMEWORK

Worksheet HW 1.3 Inequalities - Day 3