PERCENTAGES

☐ What is the discounted price of an item?

☐ How can you determine the original price of an item after an increase or decrease?

☐ How do you find the sales tax on an item?

☐ What is the percent error or percent change of an event?

☐ How much should you leave for gratuity?

☐ What is the simple interest earned on a savings account or loan?

Learning Target	Your Proof:
I can find the percentage of a number. (7.RP.3)	15% of $70 = \frac{x}{70} = \frac{15}{100}$ $x = 10.5$ 9% of $18 = \frac{x}{18} = \frac{a}{100}$ $x = 1.62$ 36% of $60 = \frac{x}{60} = \frac{36}{100}$ $x = 21.6$ 3% of $26 = \frac{x}{26} = \frac{3}{100}$ $x = 0.78$

Rate Your Level of Understanding:

1	2	3	4

Score on Quiz:

Learning Target	Your Proof:
I can use proportional relationships to find a percent increase (markup & tax). (7.RP.3)	Your food bill at a restaurant is $24. The sales tax is 6%. What do you owe? You also decide to leave a 20% tip. What is the total cost of your meal now? $\frac{x}{24} = \frac{126}{100}$ $x = \$30.24$

Rate Your Level of Understanding:

1	2	3	4

Score on Quiz:

Learning Target		
I can use proportional relationships to find percent error and percent change. (7.RP.3)	After finishing an experiment, John finds that the mass of a brick he weighed was actually 33.4 grams. Mr. Todd thought it was 32.7 grams. What was his percent error? $\frac{0.7}{32.7} = \frac{x}{100}$ $x = 2.14\%$	**Honors & Accelerated** At a supermarket, a certain item has increased from $0.75 per pound to $0.81 per pound. What is the percent change in the cost of the item?

Rate Your Level of Understanding:

1	2	3	4

Score on Quiz: