

# Calculating Tips - Mental Math

7<sup>th</sup> Grade Math

NAME

Key

Consider the following situation.....

1. Jack decided to take Lexi out to dinner. Jack ordered a hamburger with fries, while Lexi ordered a steak with mashed potatoes (she knew that Jack was going to pay). After a 4 hour dinner, where they talked for hours the bill was \$54.00. Calculate the following

a. 20% tip  $\$54 \cdot .2 = \$10.8$

b. Total bill including a 20% tip  $\$64.8$

c. 15% tip  $\$54 \cdot .15 = \$8.1$

d. Total bill including a 15% tip  $\$62.1$

2. Sam and Chloe decide to go out shopping for school clothes. American Eagle is having huge sales. Being the gentleman that Sam is, he buys Chloe a brand new shirt that cost \$34.00. Calculate the following total prices for each discount.

a. 10% sale  $\$30.6$

b. 20% sale  $\$27.6$

c. 30% sale  $\$23.8$

3. Mr. Cravatta goes to the grocery store to buy donuts for the entire teaching staff. Dunkin Donuts is offering 40% of a dozen donuts. The regular price of a dozen donuts is \$20.00. Calculate the discount he receives as well as how much he will pay.

$$\text{Disc.} \rightarrow \$20 \cdot .4 = \$8$$

$$\text{Total S.P.} \rightarrow \$20 - \$8 = \boxed{\$12}$$