

Title: Creating PROPORTIONS with Decimal Numbers

Date: \_\_\_\_\_

Ex#1) Every case of waterbottles costs \$4.39! You purchase 8 cases. What is your total cost? You paid by tapping your debit card.

$\begin{array}{r} 1 \text{ case} \\ \hline \$4.39 \end{array} \times 8 = \begin{array}{r} 8 \text{ cases} \\ \hline ? \end{array}$	$\begin{array}{r} +3 \quad +7 \\ 4.39 \\ \times \quad 8 \\ \hline \$35.12 \end{array}$
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You paid \$35.12 using your debit card and immediately the \$ got removed from your bank account.

Ex#2) You bought hot lunch each day and paid \$6.09! What is your total cost for 8 lunches? You paid with an e-transfer.

$\begin{array}{r} 1 \text{ lunch day} \\ \hline \$6.09 \end{array} \times 8 = \begin{array}{r} 8 \text{ lunches} \\ \hline ? \end{array}$	$\begin{array}{r} +7 \\ 6.09 \\ \times \quad 8 \\ \hline \$48.72 \end{array}$
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You spent nearly \$50 for 2 weeks of hot lunches (8 lunches). You sent an e-transfer so \$ immediately came out of your account.

Ex#3) Your parent stopped @ McDonald's to grab a coffee and paid \$1.25 per cup of coffee. After 9 cups of coffee (one coffee per day) how much is the total cost? Your parent tapped their McDonald gift card when paying.

$\begin{array}{r} 1 \text{ cup} \\ \hline \$1.25 \end{array} \times 9 = \begin{array}{r} 9 \text{ cups} \\ \hline ? \end{array}$	$\begin{array}{r} +2 \quad +4 \\ 1.25 \\ \times \quad 9 \\ \hline \$11.25 \end{array}$
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9 cups cost \$11.25! Good coffee ☺ MST drinks diet coke.

Your turn. Create **PROPORTIONS**. Solve.

① At Winners you bought a pair of jeans for \$34.95. They jeans are so comfy you went back and purchased 3 pairs of jeans in all. What is your total cost for 3 pairs? (Before you paid by tapping your Winners gift card.)

1 pair	$\times 3$	3 pairs	+1	+2	+1
\$34.95	$\times 3$	?	3	4	95
			x	3	
			104	85	

final answer: You paid \$104.85 for 3 pairs jeans.

*you had at least that much on your gift card 😊*

② You worked around your house and earned \$5.50 per hour. How much money will you earn if you work 6 hours? You will get paid in cash (coins and banknotes).

1 hour	$\times 6$	6 hours	+3
\$5.50	$\times 6$	?	5.50
			x
			6
			\$33.00

final answer: You earned \$33.00! You received a \$20-bill and \$13 loonies.

③ You setup a lemonade stand and charge \$2.15 for each cup. Your stand is so popular that you sell 9 cups right away. Every customer pays you with coins. How much have you made?

1 cup	$\times 9$	9 cups	+1	+4
\$2.15	$\times 9$	?	2	15
			x	9
			19	35

final answer: You earned ↑ 19 loonies, 3 dimes and 1 nickel. \$19.35