Name: Period:

Lesson 9-3 Classwork

Calculators OK

Question 01

You buy three tacos, each costing t dollars, and one soda costing s dollars. You spend a total of \$3.80. Which equation models this situation?

a) $3t - s = 3.8$

b) $3 + t + s = 3.8$

c) $3t + s = 3.8$

d) $3 - t - s = 3.8$

Question 02

In the question above, what was the price of <u>each</u> taco when $s = \$1.25$?

\$ _____

Question 03

You buy two granola bars, each costing g dollars, and one water costing w dollars. You spend a total of \$3.15. Which equation models this situation?

a) $2w + g = 3.15$

b) $2w - g = 3.15$

c) $2g - w = 3.15$

d) $2g + w = 3.15$

Question 04

In the question above, what was the price of <u>each</u> granola bar when $w = \$0.95$?

\$ _____

Question 05

You buy one pair of pants for p dollars and three shirts, each costing s dollars. You spend a total of \$36.90. Which equation models this situation?

a) $3s + p = 36.9$

b) $3s - p = 36.9$

c) $3p + s = 36.9$

d) $3p - s = 36.9$

Question 06

In the question above, how much did you spend on <u>each</u> shirt when $p = \$19.95$?

\$ _____

Question 07

You buy one sketch book for b dollars and three graphite pencils, each costing p dollars. You spend a total of \$13.18. Which equation models this situation?

a) $3p - b = 13.18$

b) $3p + b = 13.18$

c) $3b + p = 13.18$

d) $3b - p = 13.18$

Question 08

In the question above, how much did you spend on <u>each</u> pencil when $b = \$7.30$?

\$ _____

Question 09

You buy two hot dogs, each costing h dollars, and one soda costing s dollars. You spend a total of \$3.95. Which equation models this situation?

a) $2h + s = 3.95$

b) $2h - s = 3.95$

c) $2s + h = 3.95$

d) $2s - h = 3.95$

Question 10

In the question above, how much did you spend on the soda when $h = \$1.35$?

\$ _____

Question 11

You buy two candy bars, each costing c dollars, and one water costing w dollars. You spend a total of \$2.40. Which equation models this situation?

a) $2w - c = 2.40$

b) $2w + c = 2.40$

c) $2c - w = 2.40$

d) $2c + w = 2.40$

Question 12

In the question above, how much did you spend on the water when $c = \$0.65$?

\$ _____