



# ***New York State Testing Program***

## **Mathematics Test**

Grade **5**

**2009 Scoring Guide**

**28**

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

### MENU

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

**Show your work.**

**Answer** \$ \_\_\_\_\_

**QUESTION 28**

**STRAND 1: NUMBER SENSE AND OPERATIONS**

*Complete and Correct Response:*

- Cheeseburger = \$6.95  
Side salad = \$2.50  
French fries = \$1.50  
 $\$6.95 + \$2.50 + \$1.50 = \$10.95$

$$\$20.00 - \$10.95 = \$9.05$$

OR other valid process

**AND**

- (\$)9.05

*Score Points:*

Apply 2-point holistic rubric.

28

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

### MENU

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

Show your work.

$$\begin{array}{r} \text{Cheeseburger} - \$6.95 \\ \text{Side salad} - \$2.50 \\ \text{French Fries} - \$1.50 \\ \hline \$10.95 \end{array}$$
$$\begin{array}{r} \$20.00 \\ - \$10.95 \\ \hline \$9.05 \end{array}$$

Answer \$ 9.05

This response is complete and correct.

Score Point 2

28

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

**MENU**

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

*Show your work.*

$$\begin{array}{r} 6.95 \\ + 2.50 \\ + 1.50 \\ \hline 10.95 \end{array}$$

Answer \$ 9.05

$$\begin{array}{r} 10.95 \\ + 9.05 \\ \hline 20.00 \end{array}$$

This response is complete and correct.

Score Point 2

28

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

MENU

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
<u>Cheeseburger</u>	\$6.95
Double cheeseburger	\$8.95
<u>Side salad</u>	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

Show your work.

$$\begin{array}{r}
 \$6.96 \\
 2.50 \\
 + 1.50 \\
 \hline
 \$10.96
 \end{array}$$

Answer \$ 9.04

$$\begin{array}{r}
 19.04 \\
 + 10.96 \\
 \hline
 20.00
 \end{array}
 \qquad
 \begin{array}{r}
 20.00 \\
 - 10.96 \\
 \hline
 9.04
 \end{array}$$

This response is only partially correct. A sound mathematical procedure is provided; however, a transcription error results in an incorrect answer.

Score Point 1

28

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

### MENU

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

Show your work.

$$\begin{array}{r} 1 \\ \$6.95 \\ \$2.50 \\ \$1.50 \\ \hline 10.95 \end{array}$$

Answer \$ 9.05

This response is only partially correct. Although valid work is shown to arrive at the correct answer, the final subtraction procedure must be shown in order to demonstrate a thorough understanding of the task.

Score Point 1

28

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

**MENU**

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

*Show your work.*

$$\begin{array}{r} 6.95 \\ + 2.50 \\ + 1.50 \\ \hline 11.05 \end{array}$$

Answer \$ 9.25

This response is incorrect. The initial addition step must be correct to demonstrate a partial understanding of the task.

**Score Point 0**

28

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

MENU

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

Show your work.

$$\begin{array}{r}
 \cancel{\$27.50} \\
 - 20.00 \\
 \hline
 6.40
 \end{array}$$

$$\begin{array}{r}
 5.95 \xrightarrow{\$1} 6.00 \\
 6.95 \rightarrow 7.00 \\
 8.95 \rightarrow 9.00 \\
 2.50 \rightarrow 2.50 \\
 1.50 \rightarrow 1.50 \\
 1.50 \rightarrow 1.50 \\
 \hline
 27.50
 \end{array}$$

Answer \$ 6.40

This response is incorrect.

Score Point 0



# ***New York State Testing Program***

## **Mathematics Test**

Grade **5**

**2009 Practice Set**

28

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

**MENU**

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

*Show your work.*

$$\begin{array}{r} 6.95 \\ 2.50 \\ 1.50 \\ \hline 10.95 \end{array} \quad \begin{array}{r} 20.00 \\ -10.95 \\ \hline \end{array}$$

Answer \$ 9.05

28

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

**MENU**

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

*Show your work.*

6.95  
2.50  
1.50  

---

Answer \$ 10.95

**28**

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

### MENU

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

*Show your work.*

$$\begin{array}{r}
 \cancel{6.95} \\
 \cancel{2.50} \\
 \hline
 \cancel{8.95} \\
 - \cancel{1.50} \\
 \hline
 2.95
 \end{array}$$

*Answer* \$ 2.95

28

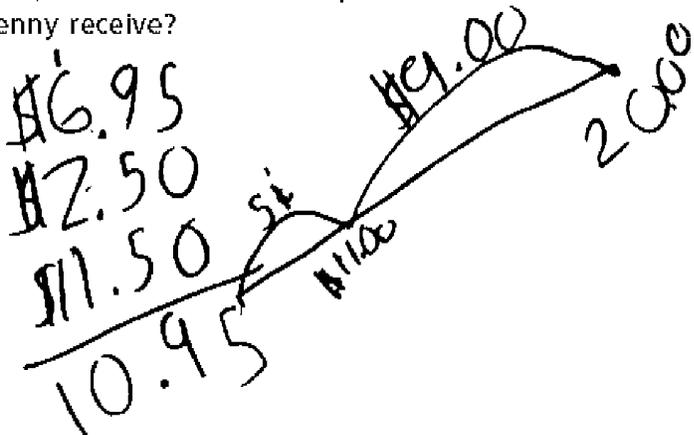
Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

MENU

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

Show your work.



Answer \$ 9.05

28

Kenny went to lunch and ordered his meal from the menu shown below. All prices include tax.

### MENU

Sandwiches and Sides	Cost
Vegetable burger	\$5.95
Cheeseburger	\$6.95
Double cheeseburger	\$8.95
Side salad	\$2.50
Potato salad	\$1.50
French fries	\$1.50

Kenny ordered a cheeseburger, a side salad, and French fries. He paid for his lunch with a \$20 bill. How much change did Kenny receive?

Show your work.

$$\begin{array}{r} \phantom{\$} 19 \phantom{.} 9 \phantom{0} 10 \\ \phantom{\$} 20.00 \\ - \phantom{\$} 6.95 \\ \hline \phantom{\$} 13.05 \end{array}$$

Answer: Kenny will get \$13.05.

# 5<sup>th</sup> GRADE MATHEMATICS

Name: \_\_\_\_\_

## PRACTICE SET ANSWER KEY

PS 1	(0-2)	
PS 2	(0-2)	
PS 3	(0-2)	
PS 4	(0-2)	
PS 5	(0-2)	
PS 6	(0-2)	
PS 7	(0-2)	
PS 8	(0-2)	
PS 9	(0-2)	
PS 10	(0-2)	
PS 11	(0-2)	
PS 12	(0-2)	
PS 13	(0-2)	
PS 14	(0-2)	
PS 15	(0-2)	
PS 16	(0-2)	
PS 17	(0-2)	
PS 18	(0-2)	
PS 19	(0-2)	
PS 20	(0-2)	

PS 21	(0-3)	
PS 22	(0-3)	
PS 23	(0-3)	
PS 24	(0-3)	
PS 25	(0-3)	
PS 26	(0-3)	
PS 27	(0-3)	
PS 28	(0-3)	
PS 29	(0-3)	
PS 30	(0-3)	
PS 31	(0-3)	
PS 32	(0-3)	
PS 33	(0-3)	
PS 34	(0-3)	
PS 35	(0-3)	
PS 36	(0-3)	
PS 37	(0-3)	
PS 38	(0-3)	
PS 39	(0-3)	
PS 40	(0-3)	