New York State Testing Program

Mathematics Test

Grade 4

2009 Scoring Guide Part 2

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

Answer $ _____

QUESTION 41

STRAND 4: MEASUREMENT

Complete and Correct Response:

- 5.00 – 0.23 = 4.77

  OR other valid process

AND

- ($) 4.77

Score Points:

Apply 2-point holistic rubric.

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

$$\begin{array}{r} 1¢ \\ \times 3 \\ \hline 3¢ \end{array} \quad \begin{array}{r} 10¢ \\ \times 1 \\ \hline 10¢ \end{array} \quad \begin{array}{r} 5¢ \\ \times 2 \\ \hline 10¢ \end{array} \quad \begin{array}{r} 10¢ \\ 10¢ \\ +\ 3¢ \\ \hline 23¢ \end{array} \quad \begin{array}{r} 4.910 \\ \$5.00 \\ -\$0.23 \\ \hline \$4.77 \end{array}$$

Answer $ 4.77

This response is complete and correct.

Score Point 2

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

23¢ $5.00

4 9 10

− 23¢

$4.77

+ 23¢

$5.00

Answer $ $4.77

This response is complete and correct.

Score Point 2

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

3

Show your work.

$ 1.23

20

$ 4.10
5.00
− .23
4.77

Answer $ .23

Check
4.77
+ .23
5.00

This response is only partially correct. A sound procedure is demonstrated, and the correct answer is shown in the work; however, a transcription error results in an incorrect answer.

Score Point 1

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

1 Penny = 1¢ 3 Penny9 = 3¢

1 Dime = 10¢ 2 Nickles = 10

Answer $ 23¢ 3¢ 10¢

$$\begin{array}{r} 10¢ \\ +\ 3¢ \\ \hline 13¢ \end{array} \qquad \begin{array}{r} 13¢ \\ +10¢ \\ \hline 23 \end{array}$$

This response is only partially correct. An initial procedure is demonstrated; however, the remaining work is missing, resulting in an incorrect answer.

Score Point 1

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

$5.00
− 23
4.77

Answer $ 4.77¢

This response is only partially correct. A sound mathematical procedure is demonstrated; however, a minor labeling flaw in the answer detracts from full credit.

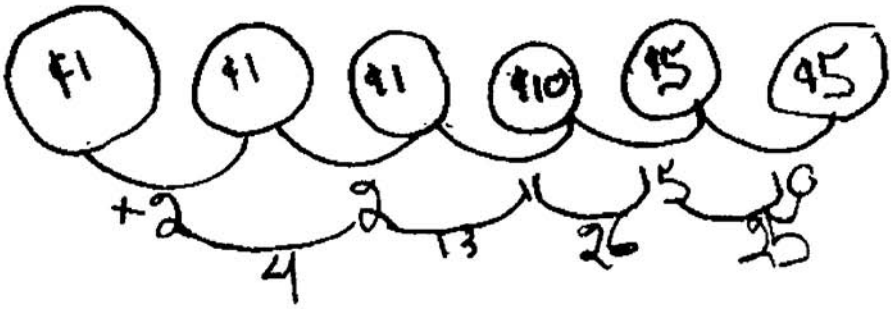
Score Point 1

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

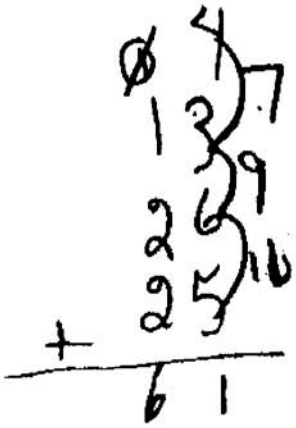
Show your work.



15
+11
26

15
10
25

Answer $ 61



This response is incorrect.

Score Point 0

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

10
5
5
1
1
22

Answer $ 22

This response is incorrect.

Score Point 0

New York State Testing Program

Mathematics Test

Grade 4

2009 Practice Set

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

$$\begin{array}{r} 45.\cancel{00}^{9}\,10 \\ -\ .63 \\ \hline 4.37 \end{array}$$

Answer $ 4.37

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

1
+1
+1
+10
+5
+5
23

$5.00
−$0.23
$4.77

Answer $ 4.77

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

1
1
1
10
5
5

3
20

Answer $ 20

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

1
1
1
10
15
15
43

9
4 5 10 10
43
4.57

Answer $4.57

41 Earl buys a pen at the store. He gives the clerk a $5 bill and receives the coins shown below as change.

Penny Penny Penny Dime Nickel Nickel

How much did the pen cost?

Show your work.

1¢
1¢
+ 1¢
10¢
5¢
5¢

Answer $ 0.23

4TH 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	(0-2)	
PS 22	(0-2)	
PS 23	(0-2)	
PS 24	(0-2)	
PS 25	(0-2)	

PS 26	(0-2)	
PS 27	(0-2)	
PS 28	(0-2)	
PS 29	(0-2)	
PS 30	(0-2)	
PS 31	(0-2)	
PS 32	(0-2)	
PS 33	(0-2)	
PS 34	(0-2)	
PS 35	(0-2)	
PS 36	(0-3)	
PS 37	(0-3)	
PS 38	(0-3)	
PS 39	(0-3)	
PS 40	(0-3)	
PS 41	(0-3)	
PS 42	(0-3)	
PS 43	(0-3)	
PS 44	(0-3)	
PS 45	(0-3)	
PS 46	(0-2)	
PS 47	(0-2)	
PS 48	(0-2)	
PS 49	(0-2)	
PS 50	(0-2)	

4TH GRADE MATHEMATICS

Name:_____

PRACTICE SET ANSWER KEY

PS 51	(0-2)	
PS 52	(0-2)	
PS 53	(0-2)	
PS 54	(0-2)	
PS 55	(0-2)	
PS 56	(0-2)	
PS 57	(0-2)	
PS 58	(0-2)	
PS 59	(0-2)	
PS 60	(0-2)	
PS 61	(0-2)	
PS 62	(0-2)	
PS 63	(0-2)	
PS 64	(0-2)	
PS 65	(0-2)	
PS 66	(0-2)	
PS 67	(0-2)	
PS 68	(0-2)	
PS 69	(0-2)	
PS 70	(0-2)	

PS 71	(0-2)	
PS 72	(0-2)	
PS 73	(0-2)	
PS 74	(0-2)	
PS 75	(0-2)	
PS 76	(0-2)	
PS 77	(0-2)	
PS 78	(0-2)	
PS 79	(0-2)	
PS 80	(0-2)	
PS 81	(0-3)	
PS 82	(0-3)	
PS 83	(0-3)	
PS 84	(0-3)	
PS 85	(0-3)	
PS 86	(0-3)	
PS 87	(0-3)	
PS 88	(0-3)	
PS 89	(0-3)	
PS 90	(0-3)	