



New York State Testing Program

Mathematics Test

Grade **4**

2009 Scoring Guide Part 1

- 34** Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence _____ =

What number does the in your number sentence represent?

Answer = _____

QUESTION 34

STRAND 2: ALGEBRA

Complete and Correct Response:

- $112 - 12 = \boxed{?}$

OR other valid response

AND

- $\boxed{?} = 100$

Score Points:

Apply 2-point holistic rubric.

- 34** Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence 112 - 12 =

What number does the in your number sentence represent?

Answer = 100

This response is complete and correct.

Score Point 2

- 34** Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence 112 hours - 12 hours =

What number does the in your number sentence represent?

Answer = 100 hours

$$\begin{array}{r} 112 \\ - 12 \\ \hline 100 \end{array}$$

This response is complete and correct. The additional labels in the number sentence do not detract from full credit.

Score Point 2

- 34** Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence 112 - 12 = 10 =

What number does the in your number sentence represent?

Answer = 100

This response is only partially correct. The answer is correct; however, the number sentence contains an incorrect mathematical statement.

Score Point 1

- 34** Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence $122 - 12 = \square$

What number does the \square in your number sentence represent?

Answer $\square = 110$

$$\begin{array}{r} 122 \\ - 12 \\ \hline 110 \end{array}$$

This response is only partially correct. The answer is incorrect; however, the number sentence contains an incorrect number for Joshua's hours that results in the answer shown.

Score Point 1

- 34** Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence 12 - 112 =

What number does the in your number sentence represent?

Answer =

This response is incorrect.

Score Point 0

- 34** Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence 112 + 12 = 232 =

What number does the in your number sentence represent?

Answer = 232

This response is incorrect.

Score Point 0



New York State Testing Program

Mathematics Test

Grade **4**

2009 Practice Set

- 34 Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence 112 - 12 = 100 =

What number does the in your number sentence represent?

$$\begin{array}{r} 112 \\ - 12 \\ \hline 100 \end{array}$$

Answer = 100 hours

- 34** Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence 100 =

What number does the in your number sentence represent?

Answer = 100

34

Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence $\overset{J}{112 \text{ hours}} - \overset{B}{12 \text{ hours}} = \boxed{?}$

What number does the $\boxed{?}$ in your number sentence represent?

Answer $\boxed{?} = \underline{100}$

34

Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence _____

$$\begin{array}{r} 112 \\ - 12 \\ \hline 100 \end{array} = \boxed{?}$$

What number does the $\boxed{?}$ in your number sentence represent?

Answer $\boxed{?} = 108$

34

Last year, Joshua practiced karate for 112 hours. Brianna practiced karate for 12 hours fewer than Joshua.

On the line below, complete the number sentence that could be used to find the number of hours Brianna practiced karate.

Number Sentence $\overset{J}{112} - \overset{B}{12} = \boxed{?}$ _____ = $\boxed{?}$

What number does the $\boxed{?}$ in your number sentence represent?

Answer $\boxed{?} = 100$

$$\begin{array}{r} 112 \\ - 12 \\ \hline 100 \end{array}$$

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)	