



New York State Testing Program

Mathematics Test

Grade **4**

2009 Scoring Guide Part 2

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 _____ 3 + 2

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence _____

QUESTION 43

STRAND 2: ALGEBRA

Complete and Correct Response:

- $(5) = (3 + 2)$

AND

- $17 < 21$

OR

- $21 > 17$

OR other valid response

Score Points:

Apply 2-point holistic rubric.

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence $5 \underline{=} 3 + 2$

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence 17 < 21

This response is complete and correct.

Score Point 2

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 = 3 + 2

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence 17 < 21

This response is complete and correct.

Score Point 2

43

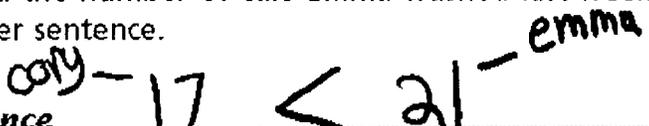
On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence $5 = 3 + 2$



Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence 17 < 21



This response is complete and correct. The additional labeling contained in the number sentence is acceptable.

Score Point 2

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 = 3 + 2

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence 10+7 < 11+10

This response is complete and correct.

Score Point 2

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 = 3 + 2

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence 17 + 21 = 38 1 < 21

$$\begin{array}{r} 17 \\ + 21 \\ \hline 38 \end{array}$$

This response is only partially correct. The first number sentence is correct; however, the second number sentence contains an inappropriate procedure and an incorrect mathematical statement.

Score Point 1

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 = 3 + 2

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence 21 < 17

This response is only partially correct. The first number sentence is correct; however, the second number sentence is incorrect.

Score Point 1

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 $>$ $3 + 2$

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence $17 < 21$

This response is only partially correct. The first number sentence is incorrect; however, the second number sentence is correct.

Score Point 1

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 $>$ 3 + 2

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence $17 < 21 + 2$

This response is incorrect.

Score Point 0



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Mathematics Test

Grade **4**

2009 Practice Set

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 = 3 + 2

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence 17 < 21 or 21 > 17

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 $=$ 3 + 2

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence $21 > 17$

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 $<$ 3 + 2

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence 17 + 21 = 38

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence 5 = 3 + 2 5

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence 17 < 21

43

On Saturday, Cory and Emma washed a total of 5 cars. Cory washed 3 cars and Emma washed 2 cars. Complete the number sentence below by writing the symbol $<$, $>$, or $=$ on the line.

Number Sentence

5 = 3 + 2

$$\begin{array}{r} +3 \\ 2 \\ \hline 5 = 5 \end{array}$$

Last week, Cory washed 17 cars, and Emma washed 21 cars. On the line below, write a number sentence to show the relationship between the number of cars Cory washed and the number of cars Emma washed last week. Use either $<$ or $>$ in your number sentence.

Number Sentence

<u>Cory</u> 5 < 17	<u>Emma</u> 5 < 21
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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)	