New York State Testing Program

Mathematics Test

Grade 4

2009 Scoring Guide Part 2

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

$52 \div 4 = ?$

How many shells does Dennis place in each pile?

Answer _____ shells

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times$ _____ $=$ _____

QUESTION 45

STRAND 1: NUMBER SENSE AND OPERATIONS

Complete and Correct Response:

- 13 (shells)

AND

- (4 ×) 13 = 52

  OR other valid response

Score Points:

Apply 2-point holistic rubric.

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

$52 \div 4 = ?$

How many shells does Dennis place in each pile?

Answer 13 shells

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times$ 13 $=$ 52

This response is complete and correct.

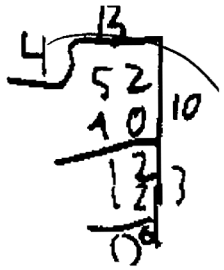
Score Point 2

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

$52 \div 4 = ?$

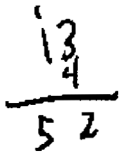
How many shells does Dennis place in each pile?

Answer 13 shells



Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times$ 13 $=$ 52



This response is complete and correct.

Score Point 2

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

$52 \div 4 = ?$

How many shells does Dennis place in each pile?

Answer 8 shells

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times 8 = 52$

This response is only partially correct. The answer is incorrect; however, a sound method to check the answer is demonstrated.

Score Point 1

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

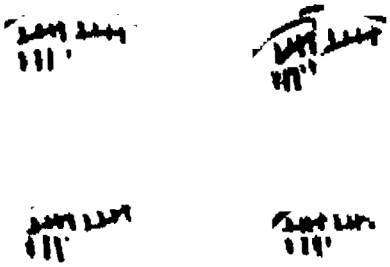
$52 \div 4 = ?$

How many shells does Dennis place in each pile?

Answer 13 shells

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times$ 13 $=$ 54



This response is only partially correct. The answer for the first part is correct; however, the number sentence incorrectly checks for the wrong number.

Score Point 1

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

$52 \div 4 = ?$

How many shells does Dennis place in each pile?

Answer 12 shells

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times$ 12 $=$ 54

This response is incorrect. The answer is incorrect, and the number sentence does not check for the correct number of 52.

Score Point 0

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

$52 \div 4 = ?$

How many shells does Dennis place in each pile?

Answer 12 RC shells

$$\begin{array}{r} 12 \text{ RC} \\ 4\overline{)52} \\ -48 \\ \hline 10 \end{array}$$

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times$ 12 $=$ 48

This response is incorrect. The answer is incorrect, and a different number is used to check the work.

Score Point 0

New York State Testing Program

Mathematics Test

Grade 4

2009 Practice Set

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

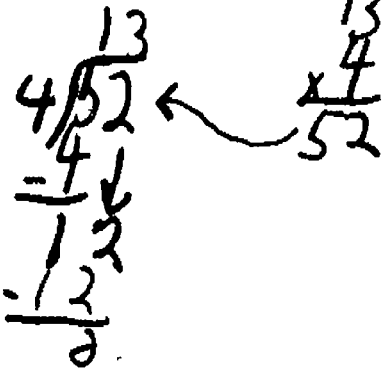
$52 \div 4 = ?$

How many shells does Dennis place in each pile?

Answer 13 shells

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times 13 = 52$



45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

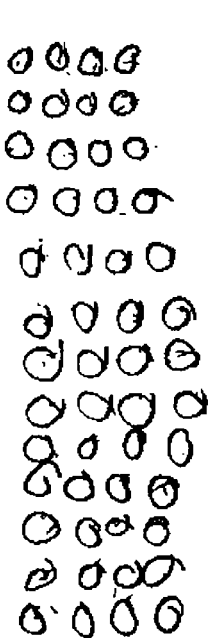
$52 \div 4 = ?$

How many shells does Dennis place in each pile?

Answer 16 shells

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times \underline{4} = \underline{16}$



4 X 4 = 16

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

$52 \div 4 = ?$

How many shells does Dennis place in each pile?

Answer 13 shells

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times 54 = 13$

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

$52 \div 4 = ?$

4 x 11 = 44
4 x 12 = 48
4 x 13 = 52

How many shells does Dennis place in each pile?

Answer 13 shells

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times$ 13 $=$ 52

45 Dennis places 52 shells in 4 equal piles. He writes the number sentence below to find the number of shells in each pile.

$52 \div 4 = ?$

How many shells does Dennis place in each pile?

Answer 13 shells

Complete the number sentence that could be used to check to see whether your answer is correct.

Number Sentence $4 \times 13 = 52$

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)	