



New York State Testing Program

Mathematics Test

Grade **4**

2009 Scoring Guide Part 2

42

A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.

Answer _____ lockers

QUESTION 42

STRAND 1: NUMBER SENSE AND OPERATIONS

Complete and Correct Response:

- $8 \times 26 = 208$
OR other valid process

AND

- 208 (lockers)

Score Points:

Apply 2-point holistic rubric.

42

A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.

$$\begin{array}{r} 26 \text{ lockers} \\ * 8 \text{ rows} \\ \hline 208 \text{ lockers} \end{array}$$

Answer 208 lockers

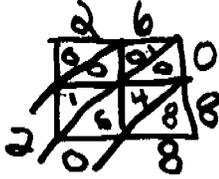
This response is complete and correct.

Score Point 2

42

A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.



Answer 208 lockers

This response is complete and correct. The response shows an appropriate process using the lattice method to multiply.

Score Point 2

42

A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.

$$\begin{array}{r} 4 \\ 26 \\ 26 > 12 \\ 26 > 12 \\ 26 > 12 \\ 26 > 12 \\ 26 > 12 \\ 26 > 12 \\ \hline 208 \end{array}$$

Answer 208 lockers

This response is complete and correct. An appropriate procedure of adding 26 eight times is demonstrated.

Score Point 2

42

A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.

$$\begin{array}{r} 4 \\ 26 \\ \times 8 \\ \hline 188 \end{array}$$

Answer 188 lockers

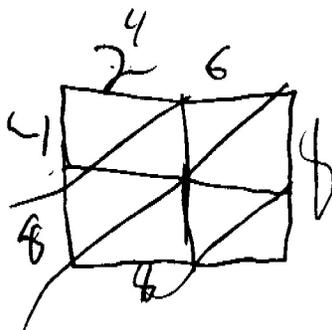
This response is only partially correct. A sound mathematical procedure is demonstrated; however, a calculation error results in an incorrect answer.

Score Point 1

42

A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.



Answer 486 lockers

This response is incorrect.

Score Point 0

42

A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.

$$\begin{array}{r} 8 \\ 26 \\ \hline 106 \end{array}$$

Answer 106 lockers

This response is incorrect.

Score Point 0



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2009 Practice Set

42

A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.

$$\begin{aligned} 8 \times 6 &= 48 \\ 8 \times 20 &= 160 \\ &208 \end{aligned}$$

Answer 208 lockers

- 42 A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.

Answer 224 lockers

$$\begin{array}{r} \textcircled{6} \\ 26 \\ \times 8 \\ \hline 224 \text{ lockers} \end{array}$$

42

A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.

Answer 1,664 lockers

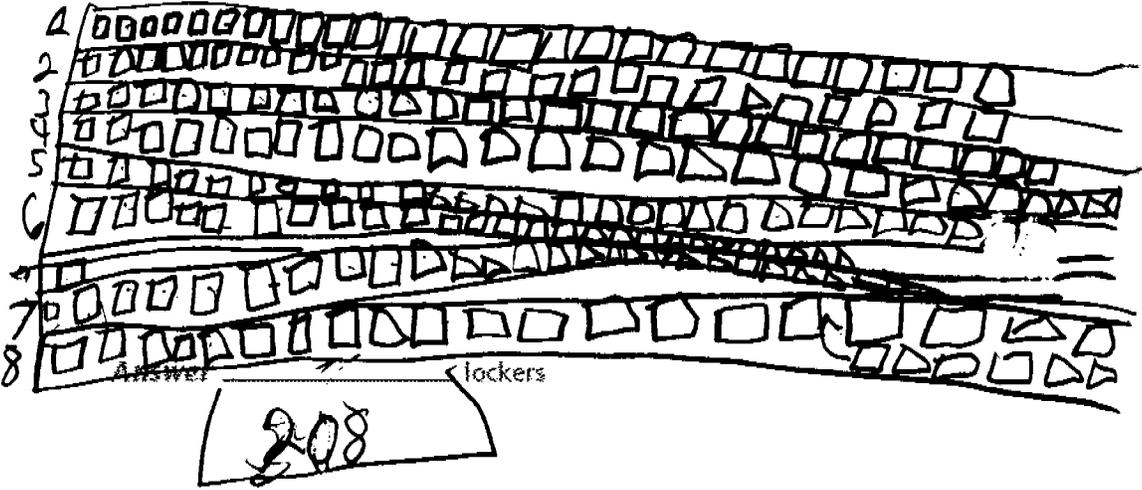
$$\begin{array}{r} 208 \\ 208 \\ 208 \\ 208 \\ 208 \\ 208 \\ 208 \\ 208 \\ + \\ \hline 1,664 \end{array}$$

$$\begin{array}{r} 78 \\ 832 \\ \hline 32 \\ \hline 16 \end{array}$$

42

A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.



- 42 A locker room next to a gym has 8 rows of lockers with 26 lockers in each row. What is the total number of lockers?

Show your work.

Problem	Check
$\begin{array}{r} 3 \\ 8 \overline{) 26} \\ \underline{-24} \\ 2 \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \\ + 2 \\ \hline 26 \end{array}$

Answer _____ 3 _____ lockers

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)	