New York State Testing Program

Mathematics Test

Grade 4

2009 Scoring Guide Part 1

33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at **each** table?

Show your work.

Answer _____ students

QUESTION 33

STRAND 1: NUMBER SENSE AND OPERATIONS

Complete and Correct Response:

- $72 \div 6 = 12$

  OR other valid process

AND

- 12 (students)

Score Points:

Apply 2-point holistic rubric.

33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at each table?

Show your work.

$$6\overline{)72}^{\,12} \qquad 6 \times 12 = 72$$

Answer 12 students

This response is complete and correct.

Score Point 2

33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at each table?

Show your work.

$$\begin{array}{r} 12 \\ \times\ 6 \\ \hline 72 \end{array}$$

Answer 12 students

This response is complete and correct. This response demonstrates a sound mathematical procedure using an inverse process to arrive at the correct answer.

Score Point 2

33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at each table?

Show your work.

6

$$\begin{array}{r} 12 \\ 6\overline{)72} \\ -6\downarrow \\ \hline 12 \\ -2 \\ \hline 10 \end{array}$$

Answer 10 students

This response is only partially correct. The work demonstrates a sound procedure; however, a calculation error results in an incorrect answer.

Score Point 1

33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at each table?

Show your work.

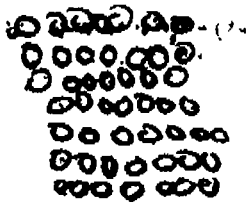
Answer 12 students

This response is only partially correct. There is no work shown.

Score Point 1

33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at each table?

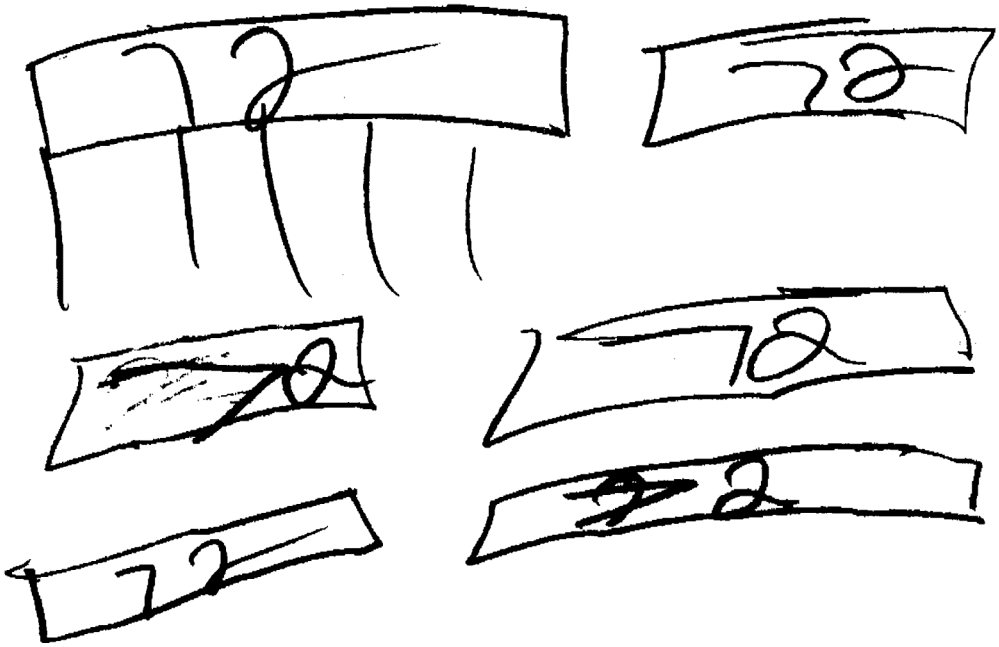
Show your work.



72
72
72
72
72
72
502

0

Answer 502 students



This response is incorrect.

Score Point 0

New York State Testing Program

Mathematics Test

Grade 4

2009 Practice Set

33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at each table?

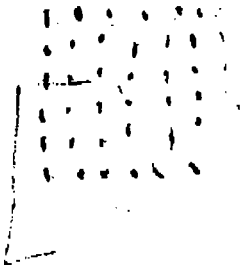
Show your work.

72 ÷ 6 = 11 r1

Answer 11 students

33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at each table?

Show your work.



$$\begin{array}{r} 1 \\ 36 \\ +\,36 \\ \hline 72 \end{array}$$

Answer 12 students

33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at each table?

Show your work.

R3

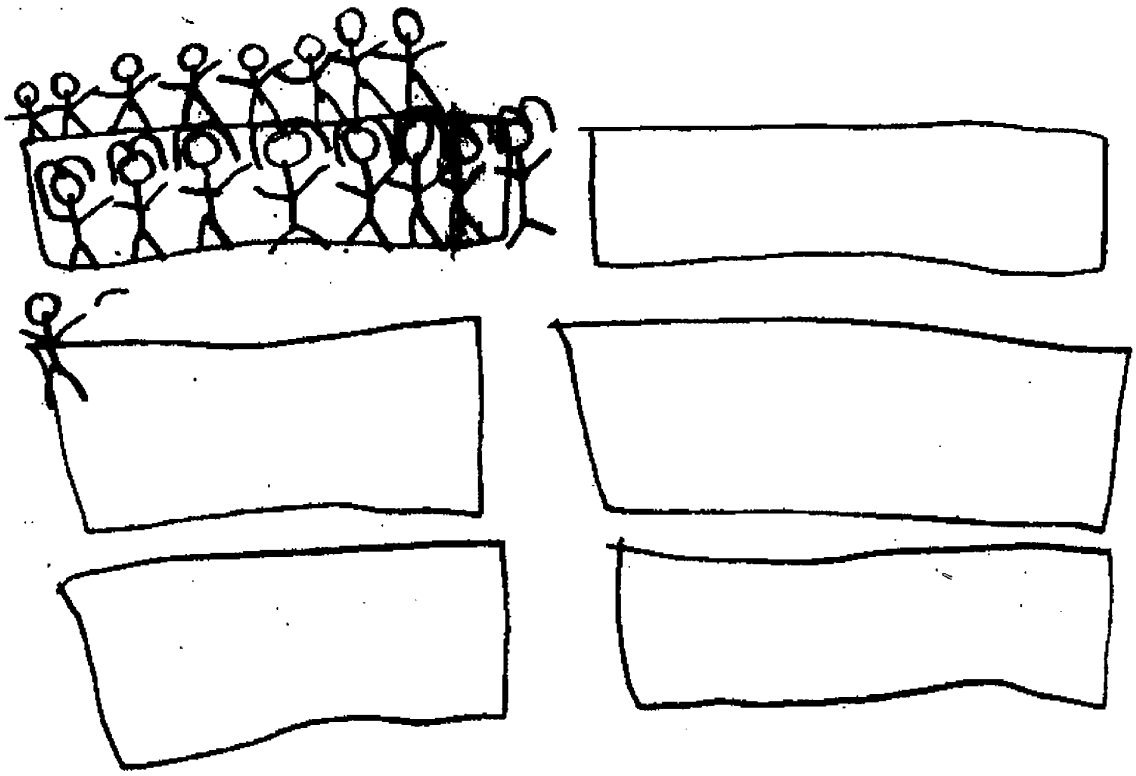
Answer 11 students

33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at each table?

Show your work.

$$\begin{array}{r} 72 \\ +\ 6 \\ \hline 78 \end{array}$$

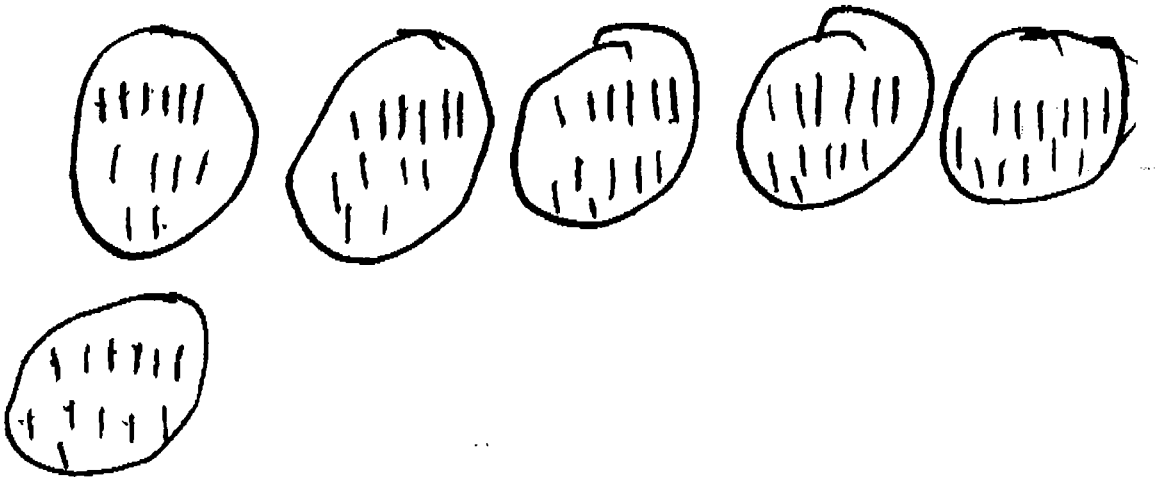
Answer 78 students



33 There are 72 students sitting at 6 tables in a cafeteria. If the same number of students are seated at each table, how many students are at each table?

Show your work.

Answer 12 students



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)	