Focus Standards and Claim	Claim 2 3.OA.A.3

Stimulus	**Art Day!**
	
	You are helping your 4th grade class organize an Art Day.
	
	There will be three stations:
	
	• Painting
	• Pottery
	• Chalk Art
	
	You have two tasks. You will help create the supply list and the schedule for Art Day.
	
	Task 1: Supply List
	You need to make sure there are enough supplies at each station for everyone to participate. You will use the following information to create a list of art supplies for your class.
	
	• There are 24 students in your class.
	• Each student needs –
	  – 2 paint brushes for the Painting Station.
	  – 3 pounds of clay for the Pottery Station.
	  – 5 pieces of chalk for the Chalk Art Station.
	
	Task 2: Schedule
	You also need to help plan the schedule for Art Day using the following information.
	
	• The day starts at 9:00 a.m. and ends at 2:00 p.m.
	• Your entire class will rotate through the three stations together.
	• The Break has to be at least 10 minutes.
	• The Break and Lunch together total 1 hour.
	• The three stations (Painting, Pottery, and Chalk Art) do **not** need to be the same amount of time, but each one has to be 30 minutes or longer.

Item Prompt	According to the supply list, how many pounds of clay are needed for 24 students?

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Scoring Guide

SCORE	1 POINT	0 POINTS
	Student writes value correctly: 72	All other responses

Sample Responses

Student Sample A

1 POINT

72 Correct response. The response reflects an accurate calculation of the total number of pounds needed.

Student Sample B

0 POINTS

24 Incorrect response. The student may not have understood the question being asked, or did not refer back to the directions, which indicate that 3 pounds of clay per person are required.

Sample Response C

0 POINTS

8 Incorrect response. The student seemed to have misinterpreted the meaning of the quantities, and divided 24 students into 3 equal groups, yielding a value of 8.

Sample Response D

0 POINTS

74 The student likely incorrectly calculated 3 x 24 = 74.

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