

Focus
Standards
and Claim

Claim 2
5.NF.A.2
4.NF.A.2

Stimulus

Clay Pottery

Lizzie and Zela are interested in making pottery. The following chart shows how much clay is needed to make different projects.

Project	Pounds of Clay Needed
 Small Plate	$2\frac{1}{2}$
 Small Bowl	$1\frac{1}{2}$
 Large Bowl	$3\frac{1}{4}$
 Dinner Plate	$4\frac{1}{2}$
 Mug	$\frac{3}{4}$

Item Prompt

How much more clay, in pounds, is needed to make a large bowl than a small bowl?

 pounds

Scoring Guide

SCORE	1 POINT	0 POINTS
	1 3/4 or 1.75 or equivalent	All other responses

Sample Responses

Student Sample A



1 3/4

SCORE RATIONALE

Correct response. The student accurately calculated the difference between the pounds of clay needed to make the large bowl and the small bowl.

Student Sample B



2 1/2

SCORE RATIONALE

Incorrect response. The response does not reflect an accurate calculation of the difference between the pounds of clay needed to make the large bowl (3 1/4 pounds) and the pounds of clay needed to make the small bowl (1 1/2 pounds).

Student Sample C



2

SCORE RATIONALE

Incorrect response. The response does not reflect an accurate calculation of the difference between the pounds of clay needed to make the large bowl (3 1/4 pounds) and the pounds of clay needed to make the small bowl (1 1/2 pounds).