

# Analyzing NJSLA Results to Inform Instruction



Journey to  
College and  
Career Readiness

Mile  
NJSLA 1

Mathematics

# Agenda

Released Samples

Type II and Type III Items

Type I Items

Assessment Design

4

3

2

1

# NJSLA Claim Structures

**Sub-Claim A\***

**Major Content**  
with Connections to Practices

**Sub-Claim C**

**Highlighted Practices MP.3,6**  
with connections to Content  
(**expressing reasoning**)

**Sub-Claim B\***

**Additional & Supporting**  
**Content**  
with Connections to Practices

**Sub-Claim D**

**Highlighted Practice MP.4**  
with Connections to Content  
(**modeling/application**)

\* Fluency Expectations are measured in Sub-Claim A and B

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# Student Sample Responses

## M02080 Rubric

Score	Description
<b>3</b>	<p>Student response includes the following 3 elements.</p> <ul style="list-style-type: none"><li>• <b>Reasoning component</b> = 2 points<ul style="list-style-type: none"><li>○ Valid explanation of errors in work shown</li><li>○ Correct work shown or valid explanation given for finding correct solution</li></ul></li><li>• <b>Computation component</b> = 1 point<ul style="list-style-type: none"><li>○ Correct solution, <math>\frac{18}{4}</math> (or equivalent)</li></ul></li></ul> <p>Sample Student Response: The fractions are incorrectly added. The student should not add together the values in the denominator. The correct way to do this problem is:</p> $\begin{aligned}1 \frac{3}{4} + 2 \frac{3}{4} &= \frac{4}{4} + \frac{3}{4} + \frac{8}{4} + \frac{3}{4} \\ &= \frac{4+3+8+3}{4} \\ &= \frac{18}{4}\end{aligned}$ <p>Or equivalent appropriate work or explanation.</p>
<b>2</b>	Student response includes 2 of the 3 elements.
<b>1</b>	Student response includes 1 of the 3 elements.
<b>0</b>	Student response is incorrect or irrelevant.



Activity  
4



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