

Function & Modeling (10th Grade)

November Extended Constructed Response (ECR)

Name

Solve the equation given, and use the following properties or process to justify each step.

*Addition Property of Equality

* Subtraction Property of Equality

* Multiplication Property of Equality

* Division property of Equality

* Distributive Property

* Combine Like Terms

(Note: Some properties or process might be used more than once)

[illegible]

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Scoring Rubric

Score	Description
5	<p>Student response includes the following elements.</p> <p>Critical Math Skill elements: 2 point</p> <ul style="list-style-type: none"> • Logical progression toward solving equation • Correct computation for finding solution of the equation <p>Reasoning elements: 3 points</p> <p>Correct properties used to justify steps (all properties use to justify each step are correct)</p>
4	Student response includes 2 critical elements and majority of properties used to justify steps are correct (no more than one property used incorrectly)
3	Student response includes 2 critical elements and more than 2/3 of properties used to justify steps are correct.
2	<p>Student response includes 2 critical elements and less than half of properties used to justify steps are correct</p> <p>Or</p> <p>Student response only includes logical progression toward solving equation and at least 2/3 of properties used to justify steps are correct</p>
1	Student response only includes logical progression toward solving equation, and at least half of properties used to justify steps are correct.
0	Student response is incorrect or irrelevant

Genesis Convert Table

Task Point	Genesis Score
0	55
1	59
2	69
3	79
4	89
5	100