Story #1 Generative Questions: Quiz 1 - 2013

1. **Solving equations**

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| 4x = 6 + 3x  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_ | -2x = -3x + 10  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_ |

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| 8y = -40  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_ | 10 + 3 = 3x + x – 2x – x  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_ |

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| x = 4x + 6  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_ | 30y – 3x = 202 – 3 - x - 2x – 20y + 1  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Non-Generative Questions: Quiz 2 - 2015

1. We are lazy. We want to solve this equation as fast as possible. What is the best first step to solve this equation in the shortest way?

Equation: 6x + 8 = 2x Option 1: Subtract 2x from both sides.

Option 2: Subtract 6x from both sides.

Option 3: Subtract 8 from both sides.

*I think Option \_\_\_ is best because…* Solve the equation here.

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Story #1 - Generative vs. Non-Generative Questions – Venn Diagram

Directions: Take a look at Quizzes 1 and 2. Then make a Venn Diagram as a group. In particular:

* How are the types of questions similar and different?
* From the lens of a student, how would the two different quiz experiences be different?
* From the lens of a teacher, what would these quizzes tell you or not tell you about student understanding?

Story #2 – Specific Question Types – Chart

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| Key Understanding | Question Type | Question Idea |
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