Solving with Seesaws – Post-Assessment Answer Key

1. Which term is a constant term in this equation? Circle it in the equation.

$$4b + 9 = b$$

A: 9 = constant term

2. Which term is a variable term in this equation? Circle it in the equation.

$$6 + 9c = 87$$

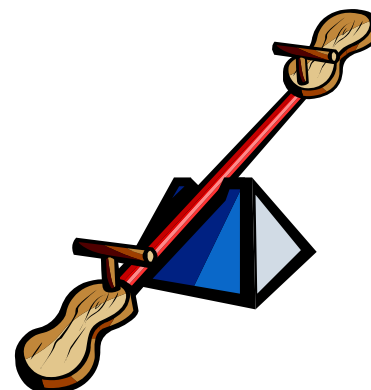A: 9c = variable term

3. Circle the equation below that allows you to solve for the variable in two steps. Then solve for the variable.

   (a) $9a + 4 = 9a - 4$ (b) $4b + 2 = 4b + 4$

   (c) $6n + 6 = d - 9$ (d) $3t + 5 = 2t - 9$

   A: (d) 3t + 5 = 2t – 9 -> t = -14

4. Solve the equation below for n:

$$3n + 1 = n + 21$$

A: n = 10

5. What did you like or dislike about the lesson?

   A: answers will vary

6. What did you like or dislike about the robotic device?

   A: answers will vary

7. How did you like this lesson?

   (a) Strongly disliked   (b) Disliked

    (c) Liked   (d) Strongly liked

   A: answers will vary

8. Do you think using robotics to collect data (Circle One):

   (a) Made the lesson easier

    (b) Made the lesson harder

   (c) Made no difference in the lesson

   A: answers will vary