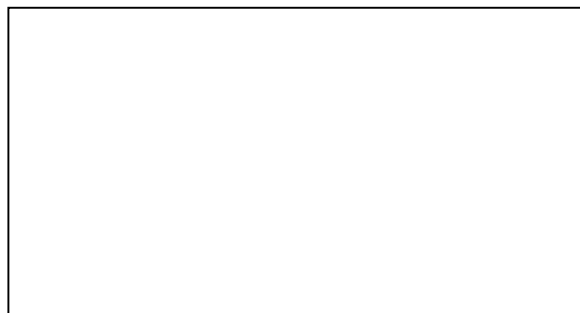


Task 3: Multi-Step Equations Using Algebra Tiles and Equation Mats

Equation A:

1. Represent the equation $4x + 2x - 1 = 2$.
2. Draw this in the “equation mat” below and write the equation in the symbolic representation box.



=



Symbolic Representation:

3. How is this equation different than the equations we have solved previously? _____

4. What is the definition of like-terms? _____

5. What are your like-terms in the equation? _____
6. Rewrite the equation here and in the symbolic representation box. _____
7. Does this new equation look familiar? Why? _____

8. Now, solve the equation.
9. What is the solution of the equation? _____

Task 3: Multi-Step Equations
Using Algebra Tiles and Equation Mats

Equation B:

1. Represent the equation $5x + 2 - 2x = -3$
2. Draw this in the “equation mat” below and write the equation in the symbolic representation box.



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Symbolic Representation:

3. How is this equation different than the equations we have solved previously? _____

4. What is the definition of like-terms? _____

5. What are your like-terms in the equation? _____
6. Rewrite the equation here and in the symbolic representation box. _____
7. Does this new equation look familiar? Why? _____

8. Now, solve the equation.
9. What is the solution of the equation? What does it mean? _____

Task 3: Multi-Step Equations
Using Algebra Tiles and Equation Mats

Equation C:

1. Represent the equation $4 + 4x - 1 - 2x = 3$.
2. Draw this in the “equation mat” below and write the equation in the symbolic representation box.

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Symbolic Representation:

3. How is this equation different than the equations we have solved previously? _____

4. What are your like-terms in the equation? _____
5. Can you combine any like-terms? (Think zero pairs.) Explain. _____

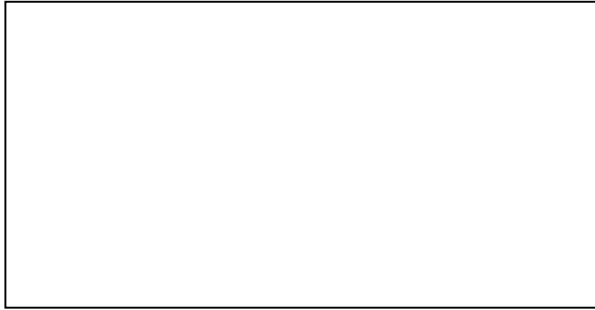
6. Rewrite the equation here and in the symbolic representation box. _____
7. Does this new equation look familiar? Why? _____

8. Now, solve the equation.
9. What is the solution of the equation? What does it mean? _____

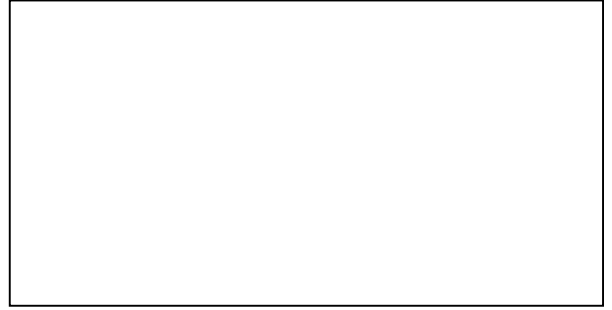
Task 3: Multi-Step Equations
Using Algebra Tiles and Equation Mats

Equation D:

1. Represent the equation $4 + 4x - 1 - 2x = 3$.
2. Draw this in the “equation mat” below and write the equation in the symbolic representation box.



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Symbolic Representation:

3. How is this equation different than the equations we have solved previously? _____

4. What are your like-terms in the equation? _____
5. Can you combine any like-terms? (Think zero pairs.) Explain. _____

6. Rewrite the equation here and in the symbolic representation box. _____
7. Does this new equation look familiar? Why? _____

8. Now, solve the equation.
9. What is the solution of the equation? What does it mean? _____
