Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 1: Guided Practice (We Do)

Materials:

- Algebra Tiles (20 +1's and 10 +x's per student)
- Equation mat (1 per student)

We Do Together: (Teacher Actions)

- Translate the equation into a phrase with meaning. Then, use algebra tiles to find the solution.

1. $x + 4 = 6$	**2.** $3x = 12$
3. $4x = 8$	**4.** $x + 3 = 11$

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 1: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to solve each 1-step equation.

5. $x + 5 = 8$	**6.** $2x = 10$
7. $x + 6 = 10$	**8.** $4x = 12$
9. $3x = 15$	**10.** $x + 4 = 12$

Quick Check - Form A

Name_____ Date_____

Learning Target: I will solve 1-step equations.

Directions: Solve each equation for x. (Work time: 4 minutes)

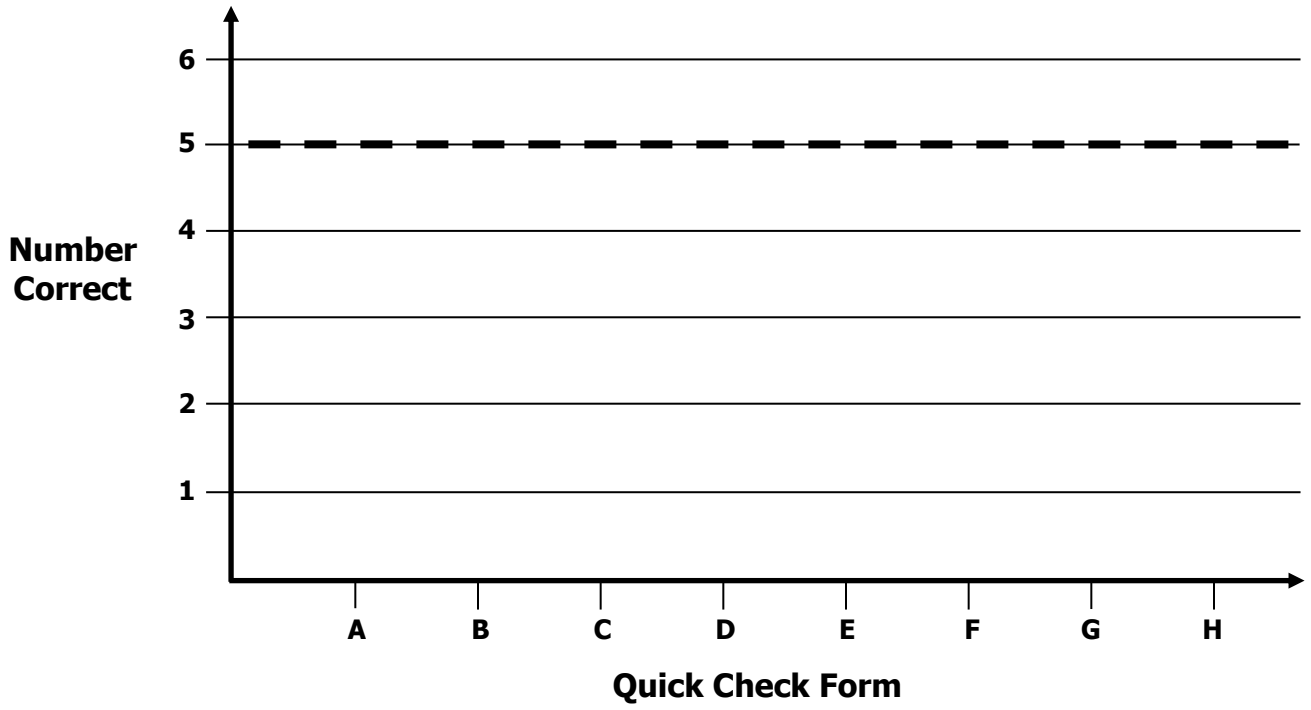
1. $x + 6 = 12$	**2.** $x + 3\frac{1}{2} = 9$
3. $4x = 20$	**4.** $\frac{1}{4}x = 6$
5. $x + 2\frac{3}{4} = 7$	**6.** $\frac{2}{3}x = 8$

Growth Chart

Name_____ Date_____

Learning Target: I will solve 1-step equations.

Goal: 5 out of 6 correct



Intervention	Date	Score
Session 1:		
Session 2:		
Session 3:		
Session 4:		
Session 5:		
Session 6:		
Session 7:		
Session 8:		

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 2: Guided Practice (We Do)

Materials:

- Algebra Tiles (20 +1's and 10 +x's per student)
- Equation mat (1 per student)

We Do Together: (Teacher Actions)

- Translate the equation into a phrase with meaning. Then, use algebra tiles to find the solution.

1. $x + 4 = 7$	**2.** $4x = 12$
3. $2x = 8$	**4.** $x + 5 = 11$

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 2: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to solve each 1-step equation.

5. $x + 3 = 8$	**6.** $3x = 12$
7. $x + 6 = 9$	**8.** $5x = 10$
9. $2x = 14$	**10.** $x + 6 = 11$

Quick Check - Form B

Name_____ Date_____

Learning Target: I will solve 1-step equations.

Directions: Solve each equation for *x*. (Work time: 4 minutes)

1. $x + 4 = 16$	**2.** $x + 2\frac{1}{3} = 4$
3. $3x = 15$	**4.** $\frac{1}{4}x = 2$
5. $x + 3\frac{2}{5} = 8$	**6.** $\frac{3}{4}x = 9$

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 3: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Translate the equation into a phrase with meaning. Then, use a math drawing to find the solution.

1. $x + 3 = 12$	**2.** $3x = 18$
3. $12 = 4x$	**4.** $13 = 5 + x$

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 3: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to solve each 1-step equation using math drawings.

5. $x + 5 = 8$	**6.** $2x = 10$
7. $10 = x + 6$	**8.** $12 = 4x$
9. $3x = 15$	**10.** $x + 4 = 12$

Quick Check - Form C

Name_____ Date_____

Learning Target: I will solve 1-step equations.

Directions: Solve each equation for x. (Work time: 4 minutes)

1. $x + 5 = 6$	**2.** $x + 2\frac{1}{4} = 9$
3. $6x = 30$	**4.** $\frac{1}{6}x = 3$
5. $x + 4\frac{2}{3} = 7$	**6.** $\frac{2}{5}x = 8$

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 4: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Translate the equation into a phrase with meaning. Then, use a math drawing to find the solution.

1. $x + 4 = 11$	**2.** $4x = 20$
3. $12 = 3x$	**4.** $14 = 6 + x$

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 4: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to solve each 1-step equation using math drawings.

5. $x + 3 = 9$	**6.** $5x = 10$
7. $15 = x + 7$	**8.** $21 = 3x$
9. $2x = 14$	**10.** $x + 5 = 17$

Quick Check - Form D

Name_____ Date_____

Learning Target: I will solve 1-step equations.

Directions: Solve each equation for x. (Work time: 4 minutes)

1. $x + 9 = 11$	**2.** $x + 4\frac{1}{3} = 6$
3. $2x = 14$	**4.** $\frac{1}{3}x = 8$
5. $x + 1\frac{3}{5} = 9$	**6.** $\frac{2}{3}x = 10$

Name _____ Date _____

Learning Target: I will solve 1-step equations

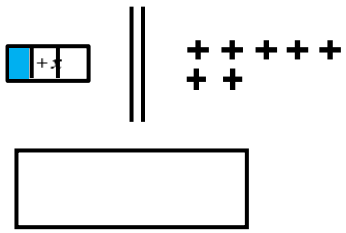
Session 5: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Translate the equation into a phrase with meaning. Then, complete the math drawing to find the solution.

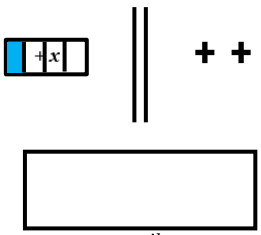
1. *"1 third of what number is equal to 7?"*

$\frac{1}{3}x = 7$



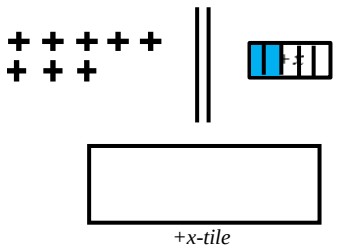
2.

$\frac{1}{4}x = 2$



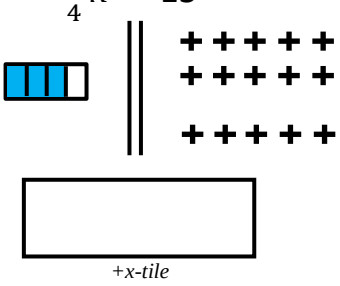
3.

$8 = \frac{2}{5}x$



4.

$\frac{3}{4}x = 15$



Name _____ Date _____

Learning Target: I will solve 1-step equations

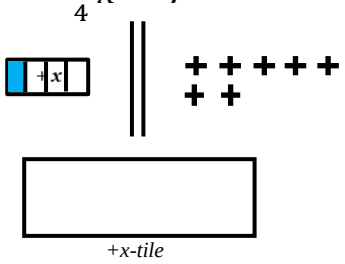
Session 5: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to solve each 1-step equation.

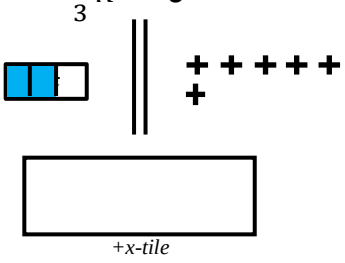
5. *"1 fourth of what number is equal to 7?"*

$\frac{1}{4}x = 7$



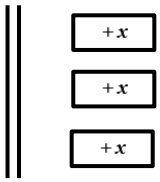
6.

$\frac{2}{3}x = 6$



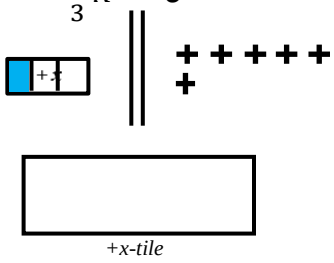
7.

$6 = 3x$



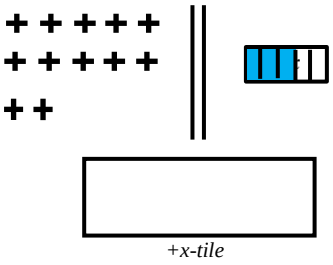
8.

$\frac{1}{3}x = 6$



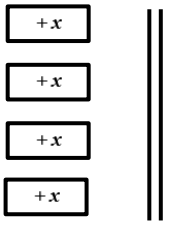
9.

$12 = \frac{3}{5}x$



10.

$4x = 12$



Quick Check - Form E

Name_____ Date_____

Learning Target: I will solve 1-step equations.

Directions: Solve each equation for x. (Work time: 4 minutes)

1. $x + 6 = 12$	**2.** $x + 3\frac{1}{2} = 9$
3. $4x = 20$	**4.** $\frac{1}{4}x = 6$
5. $x + 2\frac{3}{4} = 7$	**6.** $\frac{2}{3}x = 8$

Name _____ Date _____

Learning Target: I will solve 1-step equations

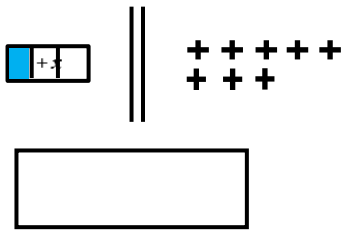
Session 6: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Translate the equation into a phrase with meaning. Then, complete the math drawing to find the solution.

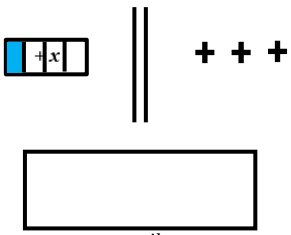
1. *"1 third of what number is equal to 7?"*

$\frac{1}{3}x = 8$



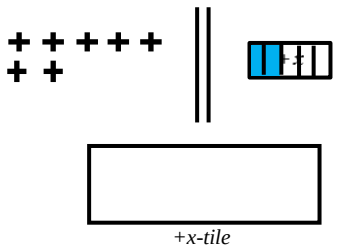
2.

$\frac{1}{4}x = 3$



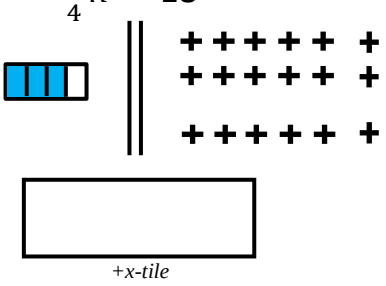
3.

$7 = \frac{2}{5}x$



4.

$\frac{3}{4}x = 18$



Name _____ Date _____

Learning Target: I will solve 1-step equations

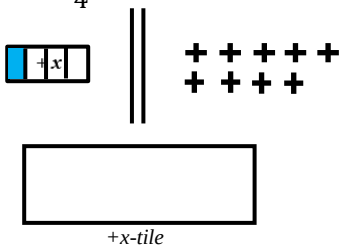
Session 6: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to solve each 1-step equation.

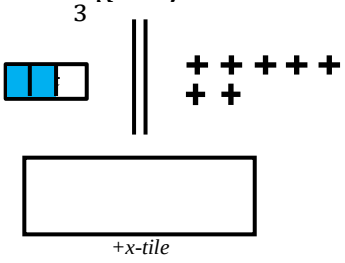
5. *"1 fourth of what number is equal to 7?"*

$\frac{1}{4}x = 9$



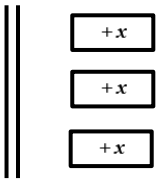
6.

$\frac{2}{3}x = 7$



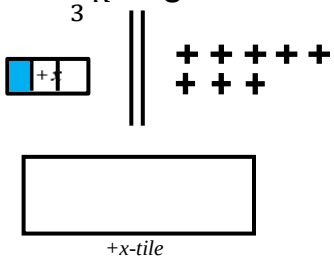
7.

$12 = 3x$



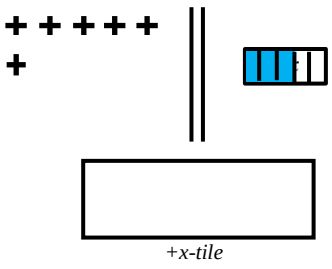
8.

$\frac{1}{3}x = 8$



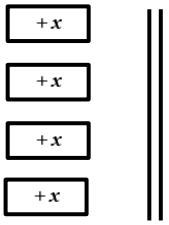
9.

$6 = \frac{3}{5}x$



10.

$4x = 20$



Quick Check - Form F

Name_____ Date_____

Learning Target: I will solve 1-step equations.

Directions: Solve each equation for *x*. (Work time: 4 minutes)

1. $x + 4 = 16$	**2.** $x + 2\frac{1}{3} = 4$
3. $3x = 15$	**4.** $\frac{1}{4}x = 2$
5. $x + 3\frac{2}{5} = 8$	**6.** $\frac{3}{4}x = 9$

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 7: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Translate the equation into a phrase with meaning. Then, find the value of x using the "inverse operations" solution method.

1. $2x = 10$	**2.** $x + 7 = 10$
3. $\frac{2}{5}x = 20$	**4.** $x + 3\frac{1}{4} = 9$
5. $9 = x + 4$	**6.** $9 = \frac{3}{4}x$

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 7: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to solve each 1-step equation.

7. $4x = 12$	**8.** $x + 4 = 12$
9. $\frac{1}{2}x = 12$	**10.** $x + 3\frac{1}{3} = 10$
11. $10 = x + 3\frac{2}{5}$	**12.** $15 = \frac{3}{4}x$

Quick Check - Form G

Name_____ Date_____

Learning Target: I will solve 1-step equations.

Directions: Solve each equation for x. (Work time: 4 minutes)

1. $x + 5 = 6$	**2.** $x + 2\frac{1}{4} = 9$
3. $6x = 30$	**4.** $\frac{1}{6}x = 3$
5. $x + 4\frac{2}{3} = 7$	**6.** $\frac{2}{5}x = 8$

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 8: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Translate the equation into a phrase with meaning. Then, find the value of x using the "inverse operations" solution method.

1. $2x = 18$	**2.** $x + 7 = 12$
3. $\frac{2}{5}x = 10$	**4.** $x + 2\frac{1}{4} = 6$
5. $13 = x + 4$	**6.** $18 = \frac{3}{4}x$

Name _____ Date _____

Learning Target: I will solve 1-step equations

Session 8: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to solve each 1-step equation.

7. $4x = 24$	**8.** $x + 5 = 12$
9. $\frac{1}{2}x = 15$	**10.** $x + 3\frac{1}{3} = 9$
11. $8 = x + 3\frac{2}{5}$	**12.** $24 = \frac{3}{4}x$

Quick Check - Form H

Name_____ Date_____

Learning Target: I will solve 1-step equations.

Directions: Solve each equation for x. (Work time: 4 minutes)

1. $x + 9 = 11$	**2.** $x + 4\frac{1}{3} = 6$
3. $2x = 14$	**4.** $\frac{1}{3}x = 8$
5. $x + 1\frac{3}{5} = 9$	**6.** $\frac{2}{3}x = 10$