



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 1: Guided Practice (We Do)

Materials:

- Algebra Tiles (1 set from p. 13 and p. 14: 20 +1-tiles, 20 -1-tiles, 16 +x-tiles and 16 +x-tiles per student)
- Multiplication mat (1 per student)

We Do Together: (Teacher Actions)

- Say, build and expand each linear expression using multiplication.

<p>1.</p> $4(x + 3)$	<p>2.</p> $3(x + 5) + 2x$
<p>3.</p> $2(3x - 1)$	<p>4.</p> $2(-3x - 1) + 4$



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 1: Guided Practice (We Do - Continued)

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

- Students take turns leading to expand each linear expression using multiplication.

5. $3(x + 4)$	6. $4(x + 3)$
7. $5(2x + 3) + 1$	8. $5(2x - 3)$
9. $3(-x + 2)$	10. $3(-2x - 4) - 1$



Quick Check - Form A

Name _____ Date _____

Learning Target: I will expand linear expressions.

Directions: Write the equivalent expanded expression. (Work time: 4 minutes)

<p>1.</p> $9(x + 3)$	<p>2.</p> $6(x - 4)$
<p>3.</p> $5(9x + 2)$	<p>4.</p> $7(3x - 6)$
<p>5.</p> $8(4x + 7) + x$	<p>6.</p> $4(7x + 3) - 6x$

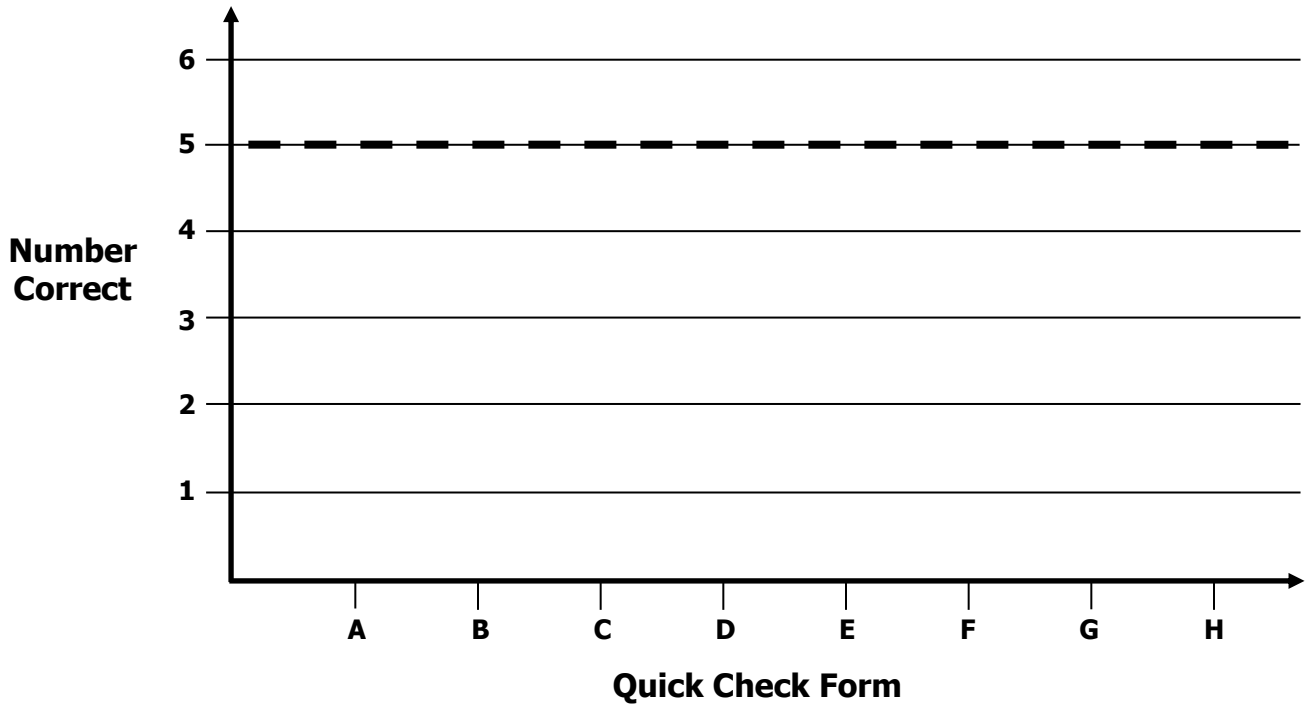


Growth Chart

Name _____ Date _____

Learning Target: I will expand linear expressions.

Goal: 5 out of 6 correct



Intervention	Date	Score
Guided Review		



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 2: Guided Practice (We Do)

Materials:

- Algebra Tiles (1 set from p. 13 and p. 14: 20 +1-tiles, 20 -1-tiles, 16 +x-tiles and 16 +x-tiles per student)
- Multiplication mat (1 per student)

We Do Together: (Teacher Actions)

- Say, build and expand each linear expression using multiplication.

<p>1.</p> $3(x + 2)$	<p>2.</p> $2(x + 5) + 3x$
<p>3.</p> $2(4x - 1)$	<p>4.</p> $3(-2x - 1) + 5$



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 2: Guided Practice (We Do - Continued)

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

- Students take turns leading to expand each linear expression using multiplication.

5. $2(x + 4)$	6. $3(x + 4)$
7. $4(2x + 3) + 1$	8. $3(2x - 3)$
9. $2(-x + 5)$	10. $3(-2x - 1) - 1$



Quick Check - Form B

Name _____ Date _____

Learning Target: I will expand linear expressions.

Directions: Write the equivalent expanded expression. (Work time: 4 minutes)

<p>1.</p> $8(x + 5)$	<p>2.</p> $4(x - 9)$
<p>3.</p> $6(7x + 4)$	<p>4.</p> $9(4x - 2)$
<p>5.</p> $5(3x + 8) - x$	<p>6.</p> $7(9x + 4) + 5x$







Name _____ Date _____

Learning Target: I will expand linear expressions

Session 3: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Say, draw and expand each linear expression using multiplication.

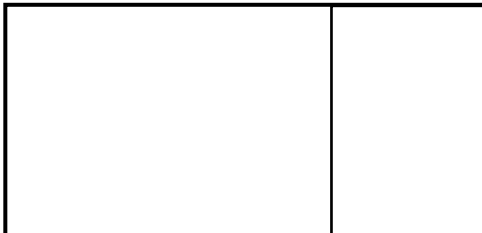
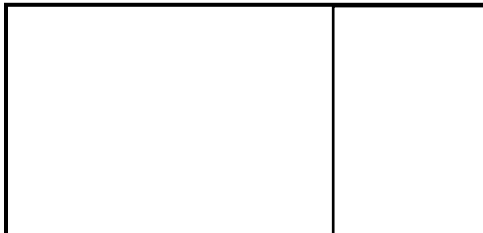
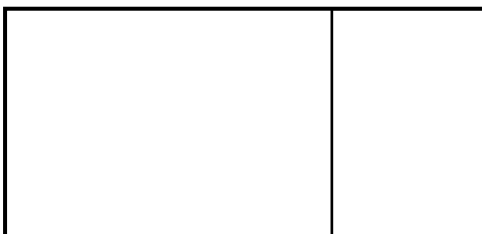
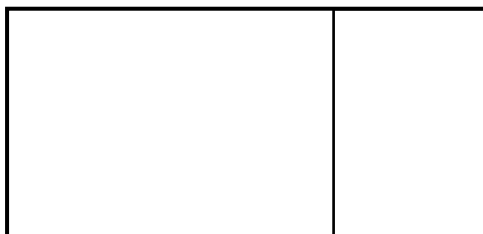
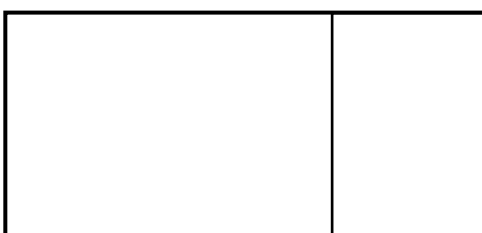
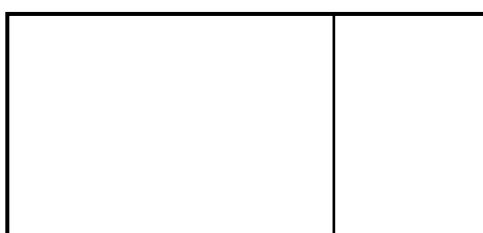
<p>1. $4(x + 3)$</p> 	<p>2. $3(x + 5)$</p> 
<p>3. $2(3x - 1)$</p> 	<p>4. $2(-3x - 1)$</p> 

Learning Target: I will expand linear expressions

Session 3: Guided Practice (We Do - Continued)

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

- Students take turns leading to expand each linear expression using drawings and multiplication.

<p>5. $3(x + 2)$</p> 	<p>6. $2(x + 3)$</p> 
<p>7. $5(2x + 3) + 1$</p> 	<p>8. $5(2x - 3) + x$</p> 
<p>9. $3(-x + 2)$</p> 	<p>10. $3(-2x - 4)$</p> 



Quick Check - Form C

Name _____ Date _____

Learning Target: I will expand linear expressions.

Directions: Write the equivalent expanded expression. (Work time: 4 minutes)

<p>1.</p> $7(x + 4)$	<p>2.</p> $5(x - 7)$
<p>3.</p> $3(8x + 6)$	<p>4.</p> $8(3x - 5)$
<p>5.</p> $6(2x + 9) + x$	<p>6.</p> $9(5x + 3) - 2x$







Name _____ Date _____

Learning Target: I will expand linear expressions

Session 4: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Say, draw and expand each linear expression using multiplication.

<p>1. $7(x + 3)$</p> 	<p>2. $3(x + 9)$</p> 
<p>3. $6(3x - 8)$</p> 	<p>4. $9(-4x - 7)$</p> 



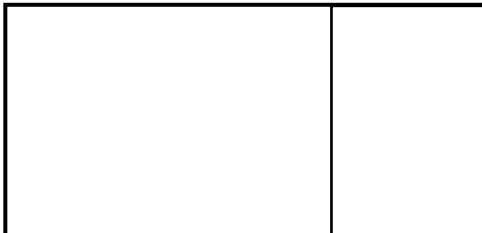
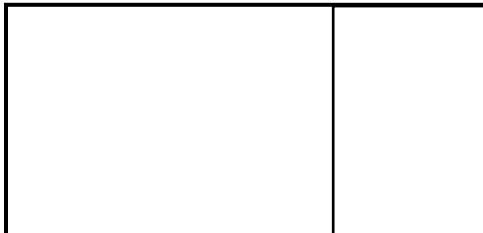
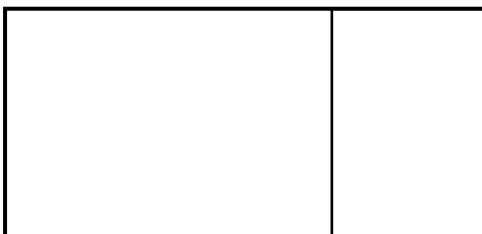
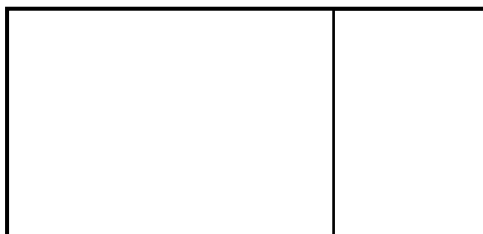
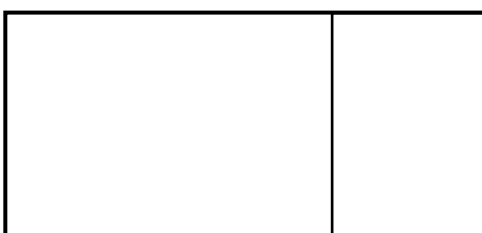
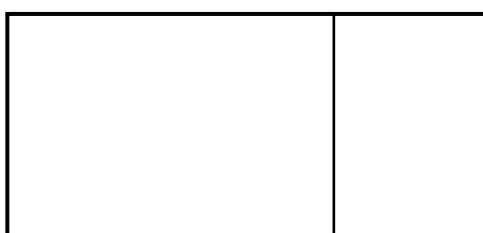
Name _____ Date _____

Learning Target: I will expand linear expressions

Session 4: Guided Practice (We Do - Continued)

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

- Students take turns leading to expand each linear expression using drawings and multiplication.

<p>5. $8(x + 7)$</p> 	<p>6. $7(x + 8)$</p> 
<p>7. $6(7x + 9) + 1$</p> 	<p>8. $7(6x - 9) + x$</p> 
<p>9. $7(-x + 9)$</p> 	<p>10. $8(-3x - 6)$</p> 



Quick Check - Form D

Name _____ Date _____

Learning Target: I will expand linear expressions.

Directions: Write the equivalent expanded expression. (Work time: 4 minutes)

<p>1.</p> $6(x + 9)$	<p>2.</p> $8(x - 6)$
<p>3.</p> $4(5x + 3)$	<p>4.</p> $9(2x - 7)$
<p>5.</p> $3(6x + 8) - x$	<p>6.</p> $5(8x + 3) + 4x$




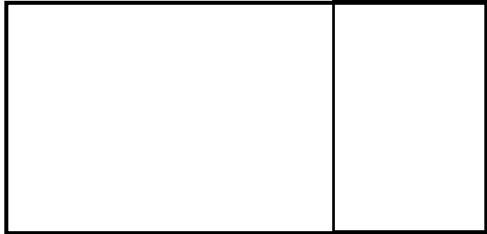


Name _____ Date _____

Learning Target: I will expand linear expressions

Session 5: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Say, draw and expand each linear expression using multiplication.



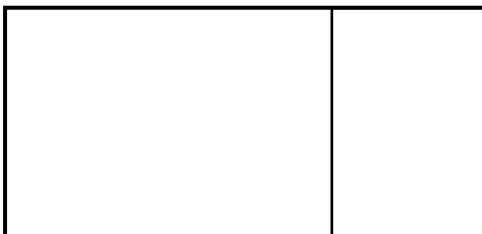
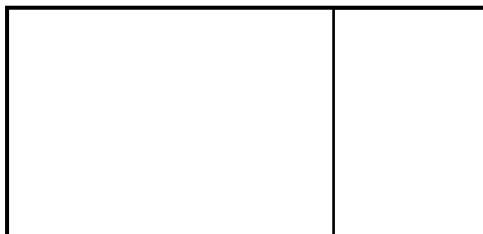
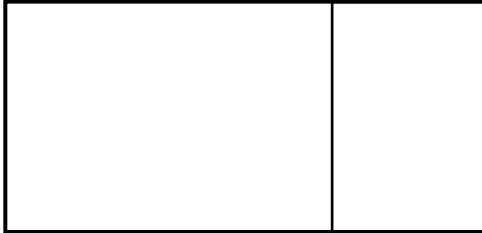

<p>1. $4(x + 9)$</p> 	<p>2. $3(x + 7)$</p> 
<p>3. $8(3x - 6)$</p> 	<p>4. $6(-3x - 9)$</p> 

Learning Target: I will expand linear expressions

Session 5: Guided Practice (We Do - Continued)

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

- Students take turns leading to expand each linear expression using drawings and multiplication.

<p>5. $9(x + 8)$</p> 	<p>6. $8(x + 9)$</p> 
<p>7. $7(4x + 6) + 1$</p> 	<p>8. $7(6x - 4) + x$</p> 
<p>9. $8(-x + 7)$</p> 	<p>10. $9(-7x - 4)$</p> 



Quick Check - Form E

Name _____ Date _____

Learning Target: I will expand linear expressions.

Directions: Write the equivalent expanded expression. (Work time: 4 minutes)

1. $9(x + 3)$	2. $6(x - 4)$
3. $5(9x + 2)$	4. $7(3x - 6)$
6. $8(4x + 7) + x$	6. $4(7x + 3) - 6x$



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 6: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Say the problem with “grouping” language and expand each linear expression using multiplication.

1. $7(x + 3)$	2. $8(x + 6) + 3x$
3. $4(9x - 1)$	4. $9(-6x - 7) + 5$



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 6: Guided Practice (We Do - Continued)

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

- Students take turns leading to expand each linear expression using multiplication.

5. $6(x + 7)$	6. $8(x + 6)$
7. $7(8x + 4) + 1$	8. $9(6x - 7) + x$
9. $8(-x + 9) + 3x + 5$	10. $7(-8x - 6) + 4x + 2$



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 6: Guided Practice (We Do – Teacher Notes)

We Do Together: (Teacher Actions)

- Say the problem with “grouping” language and expand each linear expression using multiplication.

<p>1. $7(x + 3)$ $7x + 21$</p>	<p>2. $8(x + 6) + 3x$ $\underline{8x} + 48 + \underline{3x}$ $11x + 48$</p>
<p>3. $4(9x - 1)$ $4(9x + -1)$ $36x + -4$</p>	<p>4. $9(-6x - 7) + 5$ $9(-6x + -7) + 5$ $\underline{-54x} + \underline{-63} + \underline{5}$ $-54x + -58$</p>

- *Re-write the linear expression using the “add the opposite to subtract” strategy*
- *Expand by multiplying by creating equal groups before combining like terms*
- *Expand by multiplying by creating equal groups*



Quick Check - Form F

Name _____ Date _____

Learning Target: I will expand linear expressions.

Directions: Write the equivalent expanded expression. (Work time: 4 minutes)

<p>1.</p> $8(x + 5)$	<p>2.</p> $4(x - 9)$
<p>3.</p> $6(7x + 4)$	<p>4.</p> $9(4x - 2)$
<p>5.</p> $5(3x + 8) - x$	<p>6.</p> $7(9x + 4) + 5x$



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 7: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Say the problem with “grouping” language and expand each linear expression using multiplication.

1. $7(x + 4)$	2. $9(x + 6) + 3x$
3. $4(8x - 1)$	4. $8(-6x - 7) + 5$



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 7: Guided Practice (We Do - Continued)

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

- Students take turns leading to expand each linear expression using multiplication.

5. $9(x + 7)$	6. $7(x + 6)$
7. $6(8x + 4) + 1$	8. $8(6x - 7) + x$
9. $4(-x + 9) + 3x + 5$	10. $9(-8x - 6) + 4x + 2$



Quick Check - Form G

Name _____ Date _____

Learning Target: I will expand linear expressions.

Directions: Write the equivalent expanded expression. (Work time: 4 minutes)

<p>1.</p> $7(x + 4)$	<p>2.</p> $5(x - 7)$
<p>3.</p> $3(8x + 6)$	<p>4.</p> $8(3x - 5)$
<p>5.</p> $6(2x + 9) + x$	<p>6.</p> $9(5x + 3) - 2x$



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 8: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Say the problem with “grouping” language and expand each linear expression using multiplication.

1. $9(x + 3)$	2. $7(x + 6) + 3x$
3. $6(7x - 1)$	4. $8(-6x - 7) + 5$



Name _____ Date _____

Learning Target: I will expand linear expressions

Session 8: Guided Practice (We Do - Continued)

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

- Students take turns leading to expand each linear expression using multiplication.

5. $6(x + 8)$	6. $8(x + 9)$
7. $7(9x + 3) + 1$	8. $9(8x - 6) + x$
9. $8(-x + 7) + 3x + 5$	10. $9(-8x - 6) + 5x + 2$



Quick Check - Form H

Name _____ Date _____

Learning Target: I will expand linear expressions.

Directions: Write the equivalent expanded expression. (Work time: 4 minutes)

<p>1.</p> $6(x + 9)$	<p>2.</p> $8(x - 6)$
<p>3.</p> $4(5x + 3)$	<p>4.</p> $9(2x - 7)$
<p>5.</p> $3(6x + 8) - x$	<p>6.</p> $5(8x + 3) + 4x$