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/Factor Mat (1 per student)

We Do Together: (Teacher Actions)

> Say, build and factor each linear expression to find both products.

Problem type A: When the **coefficient** is a factor of the **constant**, such as 2x + 8.

1.		2.	
	4 <i>x</i> + 12		3 <i>x</i> + 15

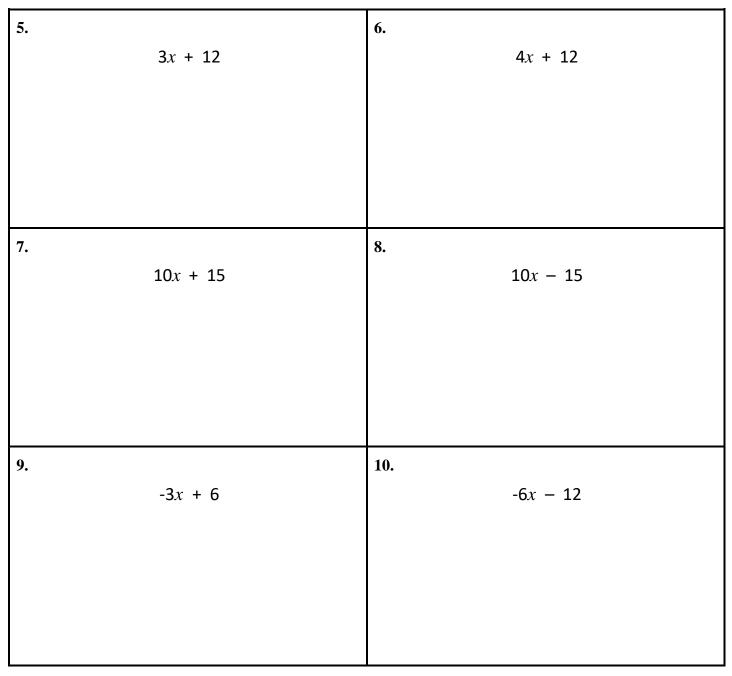
Problem type B: When the **coefficient** is **not** a factor of the **constant**, such as 8x + 12.

3.	4.
6x - 9	-4x + 10

Session 1: Guided Practice (We Do - Continued)

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

Students take turns leading to factor each linear expression.



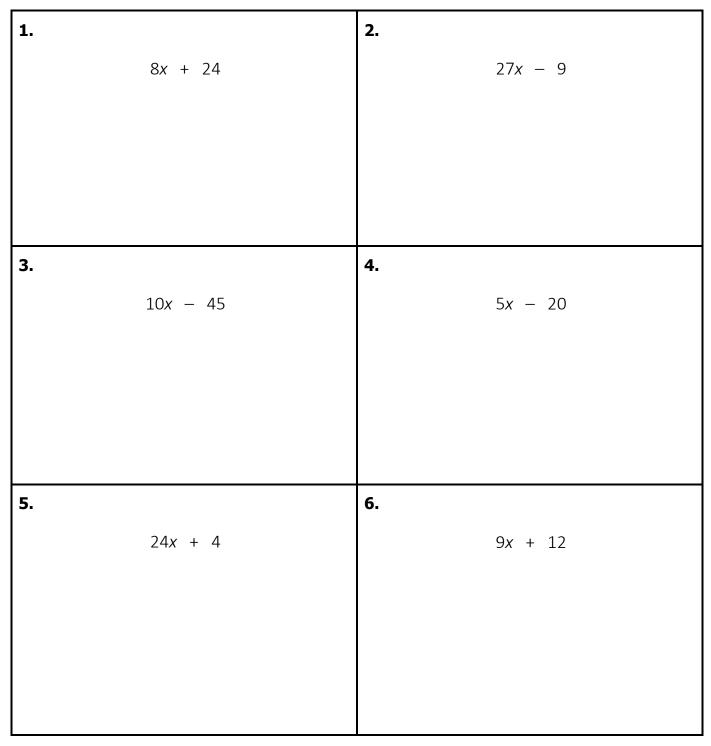


Quick Check - Form A

Name_____

Date_____

Learning Target: I will factor linear expressions.





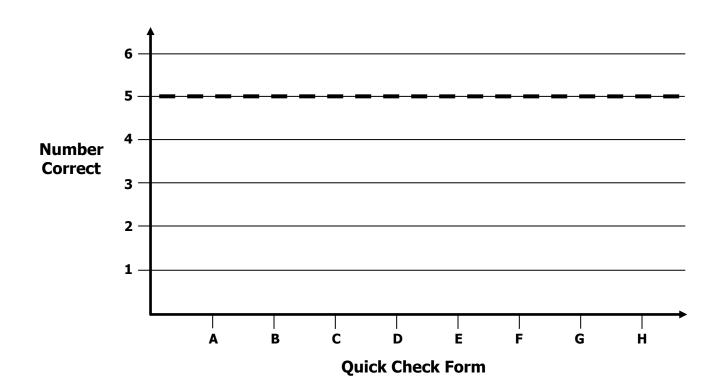
Growth Chart

Name

Date____

Learning Target: I will factor linear expressions.

Goal: 5 out of 6 correct



Intervention	Date	Score
Guided Review		

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/Factor Mat (1 per student)

We Do Together: (Teacher Actions)

> Say, build and factor each linear expression to find both products.

Problem type A: When the **coefficient** is a factor of the **constant**, such as 2x + 8.

1.		2.	
	4 <i>x</i> + 8		3 <i>x</i> + 12

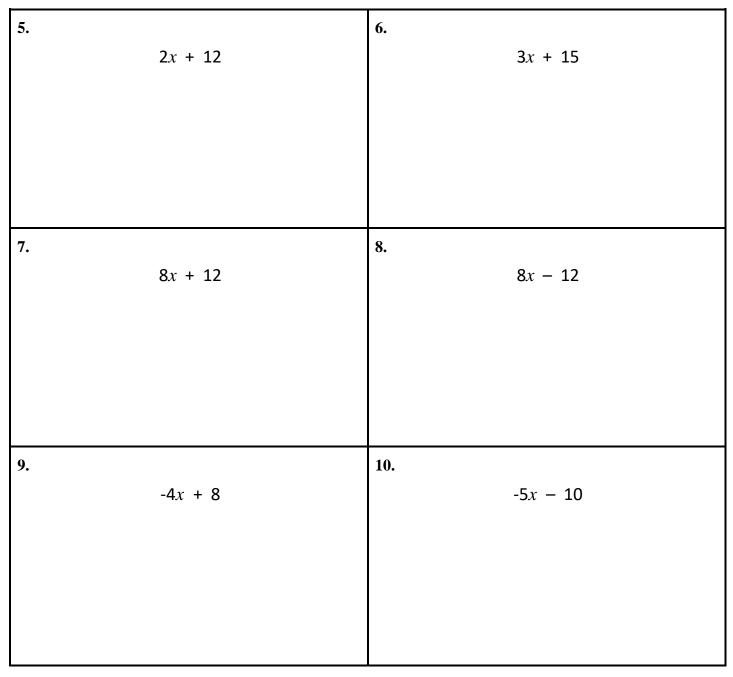
Problem type B: When the **coefficient** is **not** a factor of the **constant**, such as 8x + 12.

3.	4.
6x - 15	-4x + 14

Session 2: Guided Practice (We Do - Continued)

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

> Students take turns leading to factor each linear expression.



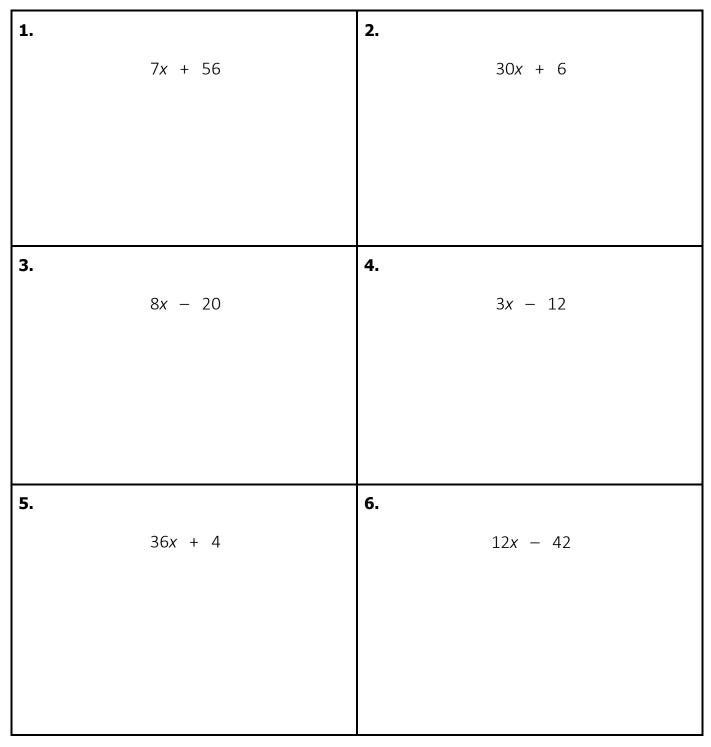


Quick Check - Form B

Name_____

Date_____

Learning Target: I will factor linear expressions.

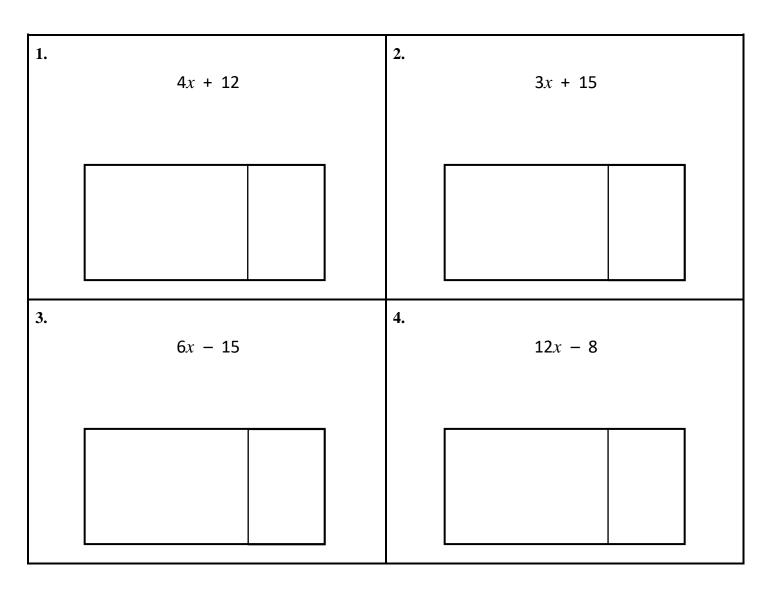


Session 3: Guided Practice (We Do)

We Do Together: (Teacher Actions)

Say, draw and factor each linear expression using a math drawing.

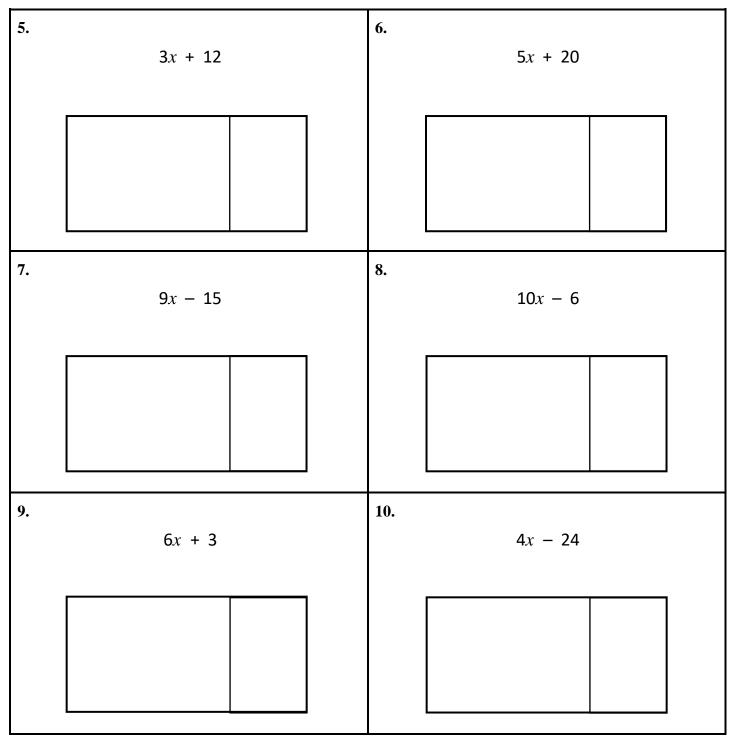
Note: The width is the greatest common factor of the coefficient and the constant.



Session 3: Guided Practice (We Do - Continued)

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

> Students take turns leading to factor each linear expression using a math drawing.



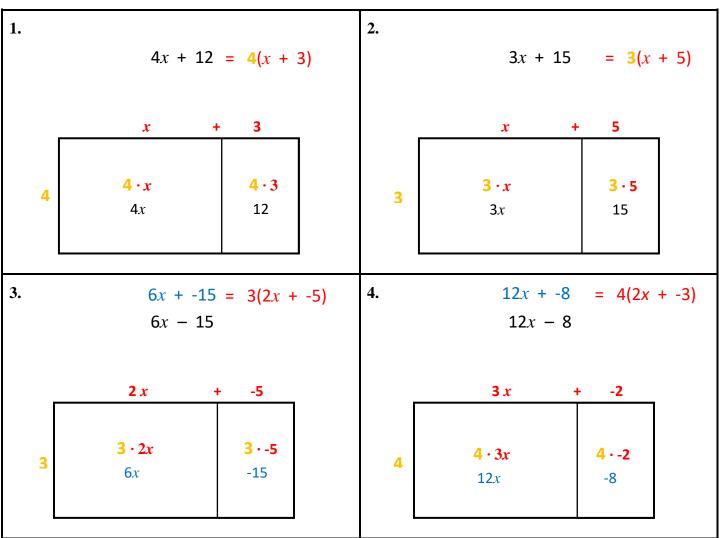


Session 3: Guided Practice (We Do – Teacher Notes)

We Do Together: (Teacher Actions)

Say, draw and factor each linear expression using a math drawing.

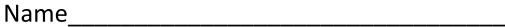
Note: The width is the greatest common factor of the coefficient and the constant.



- Re-write the linear expression using the "add the opposite to subtract" strategy
- The width is the greatest common factor of the coefficient and the constant
- Find the length by creating equal groups

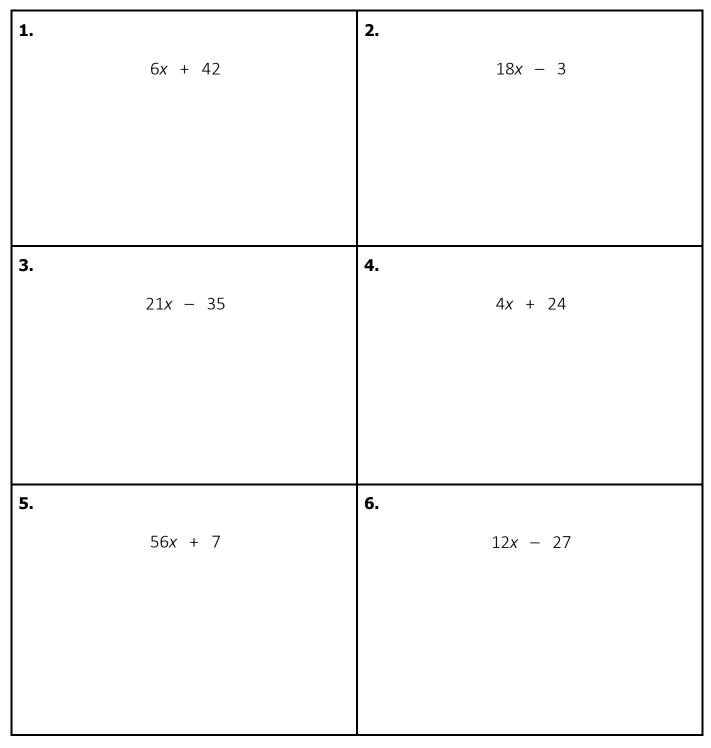


Quick Check - Form C



Date_____

Learning Target: I will factor linear expressions.

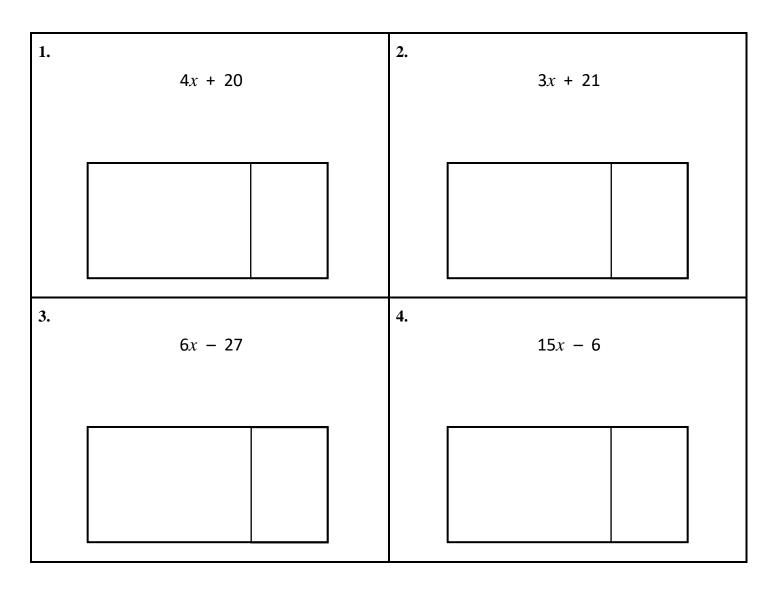


Session 4: Guided Practice (We Do)

We Do Together: (Teacher Actions)

> Say, draw and factor each linear expression using a math drawing.

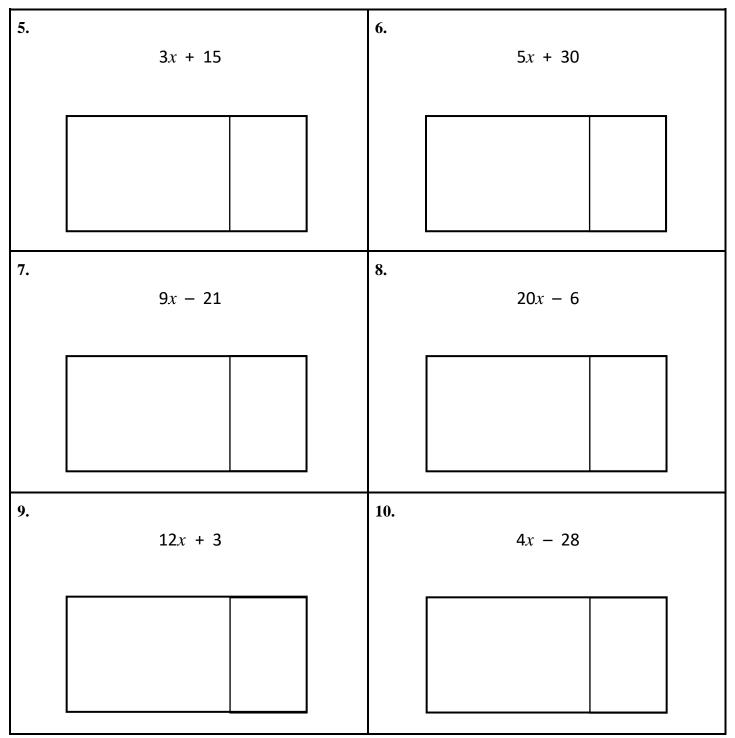
Note: The width is the greatest common factor of the coefficient and the constant.



Session 4: Guided Practice (We Do - Continued)

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

> Students take turns leading to factor each linear expression using a math drawing.



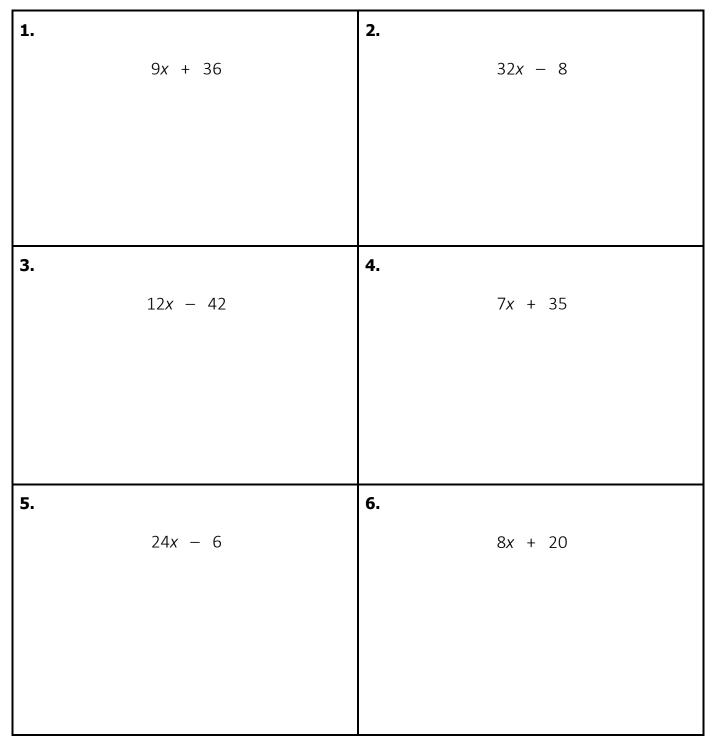


Quick Check - Form D

Name_____

Date_____

Learning Target: I will d factor linear expressions.





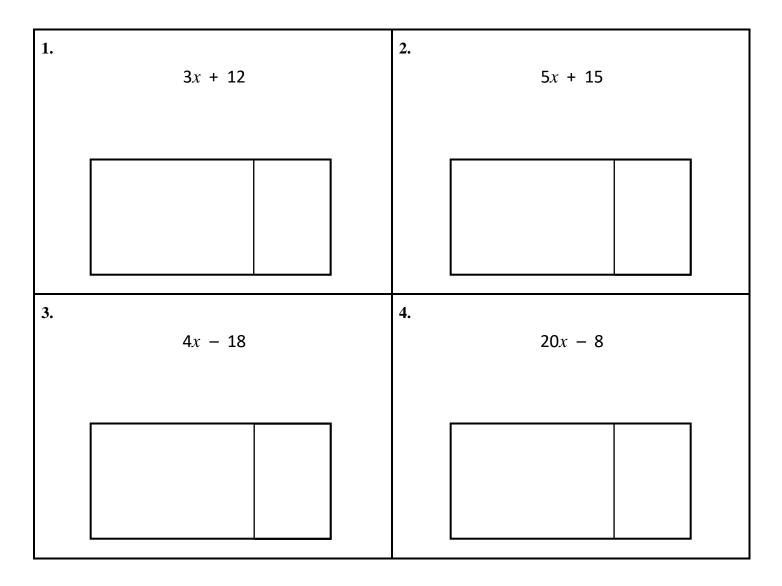
Session 5: Guided Practice (We Do)

We Do Together: (Teacher Actions)

Say, draw and factor each linear expression using a math drawing.

Note: The width is the greatest common factor of the coefficient and the constant.

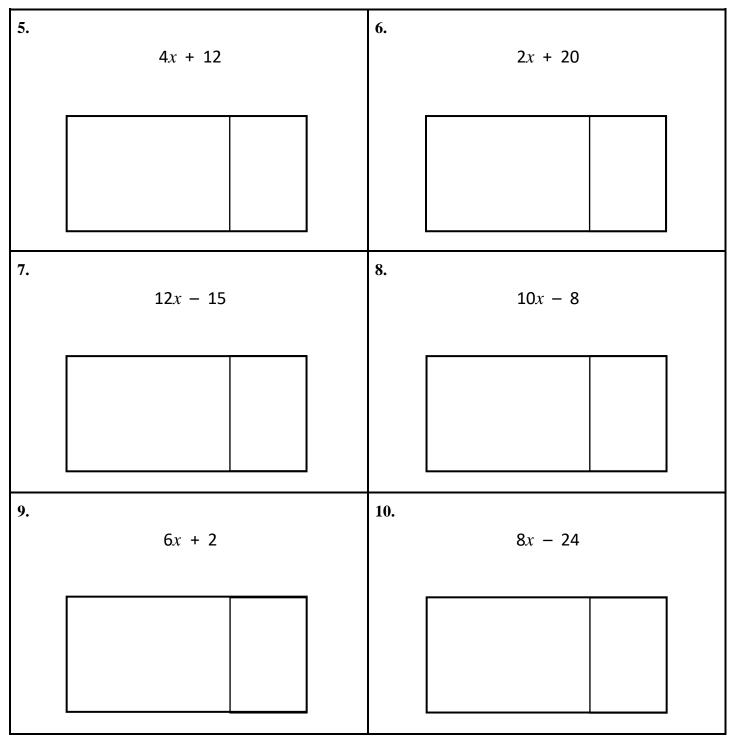
Date _____



Session 5: Guided Practice (We Do - Continued)

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

> Students take turns leading to factor each linear expression using a math drawing.



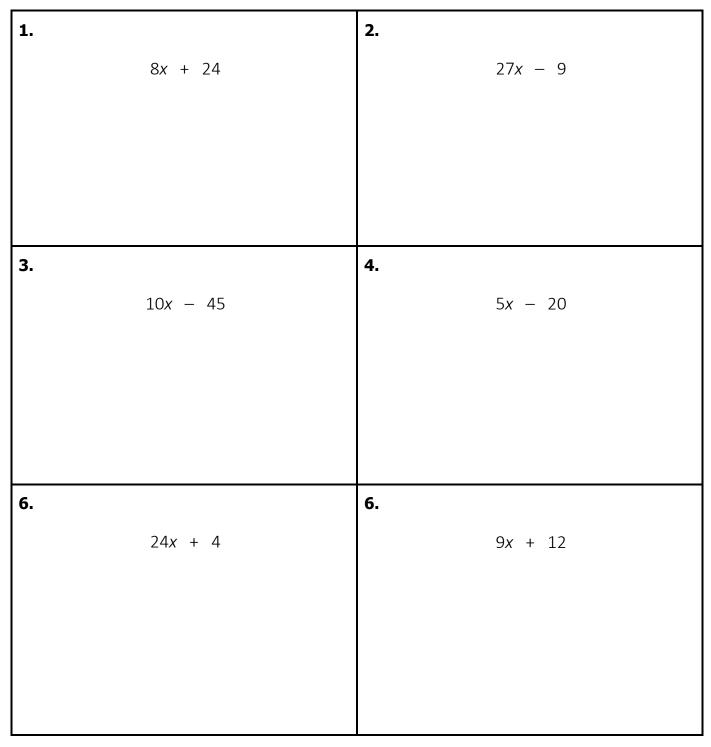


Quick Check - Form E

Name_____

Date_____

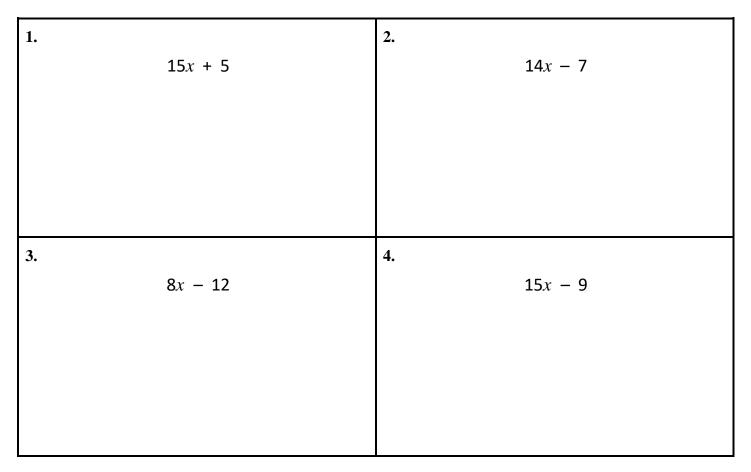
Learning Target: I will factor linear expressions.



Session 6: Guided Practice (We Do)

We Do Together: (Teacher Actions)

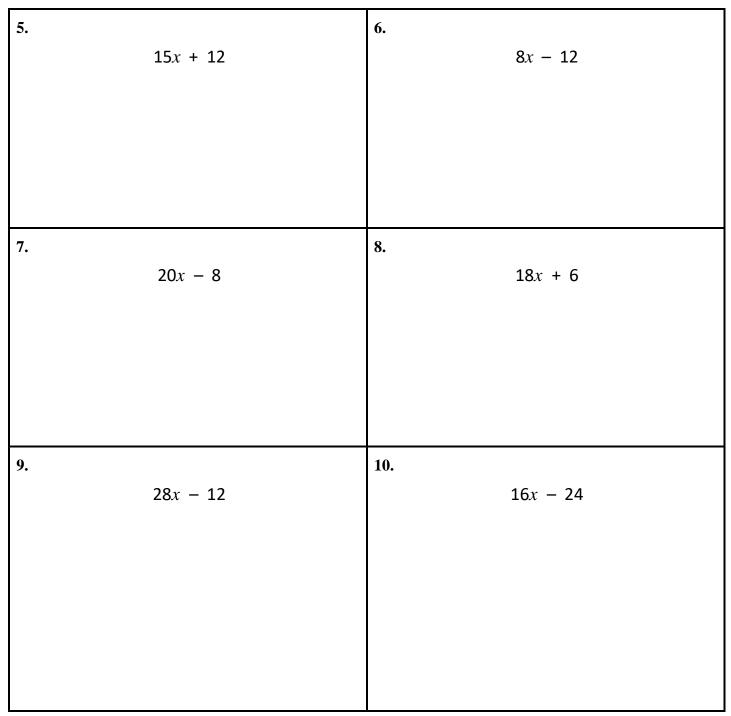
Factor each linear expression.



Session 6: Guided Practice (We Do - Continued)

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

> Students take turns leading to factor each linear expression.



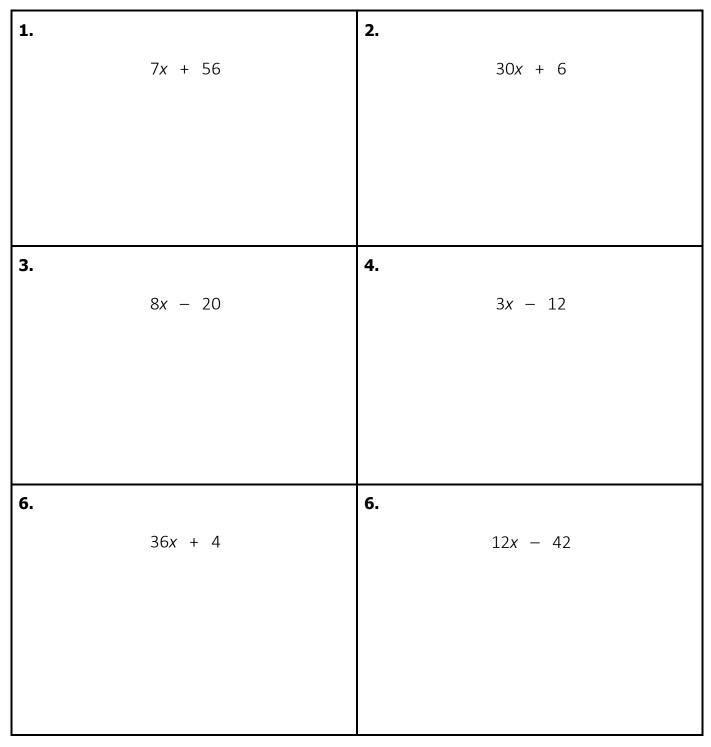


Quick Check - Form F

Name_____

Date_____

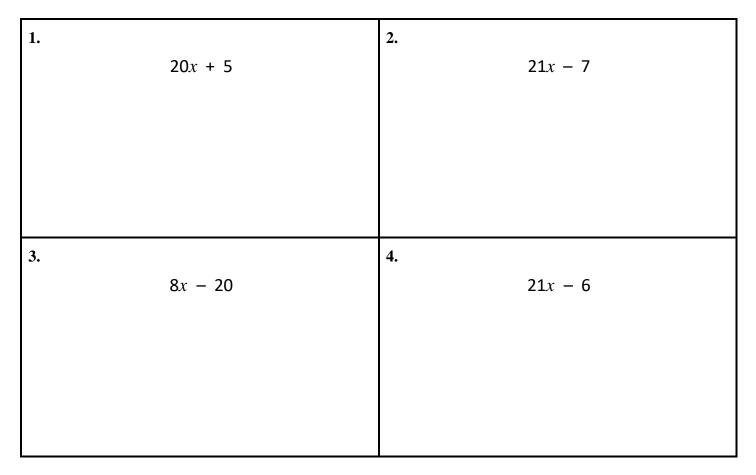
Learning Target: I will factor linear expressions.



Session 7: Guided Practice (We Do)

We Do Together: (Teacher Actions)

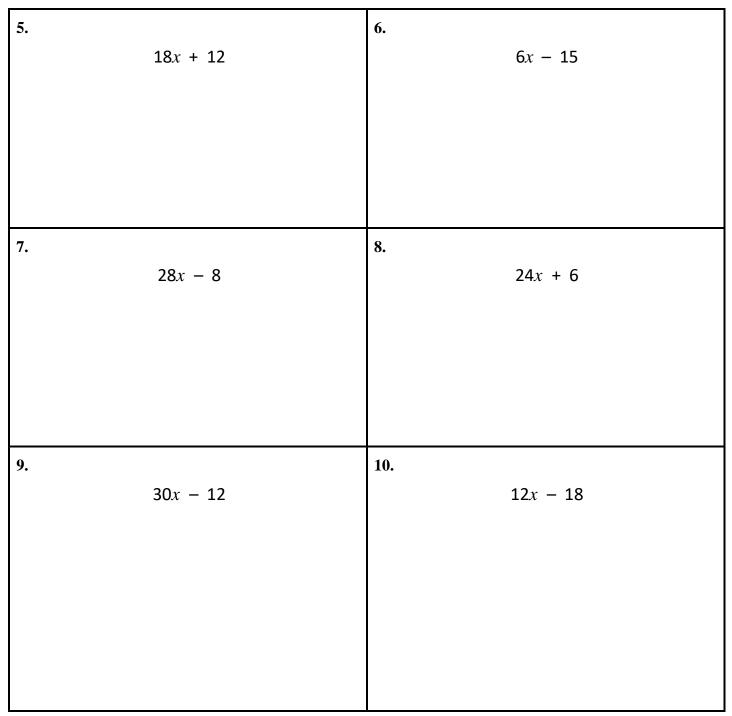
Factor each linear expression.



Session 7: Guided Practice (We Do - Continued)

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

> Students take turns leading to factor each linear expression.



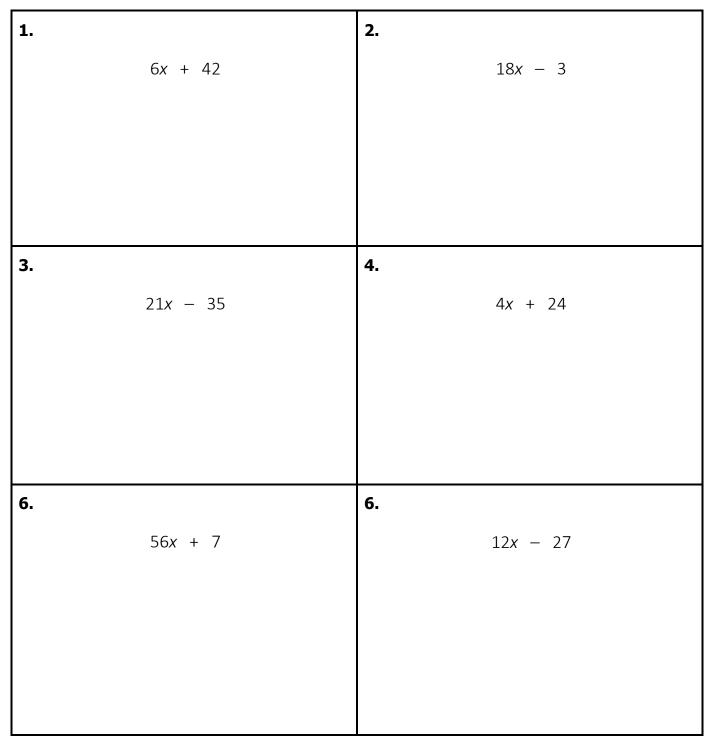


Quick Check - Form G

Name_____

Date_____

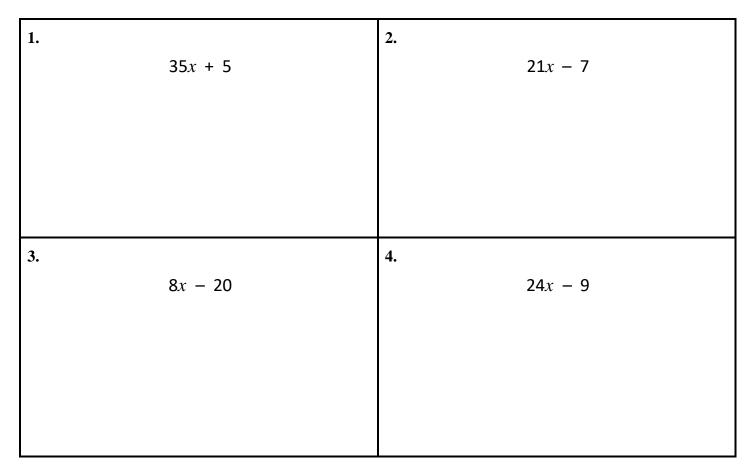
Learning Target: I will factor linear expressions.



Session 8: Guided Practice (We Do)

We Do Together: (Teacher Actions)

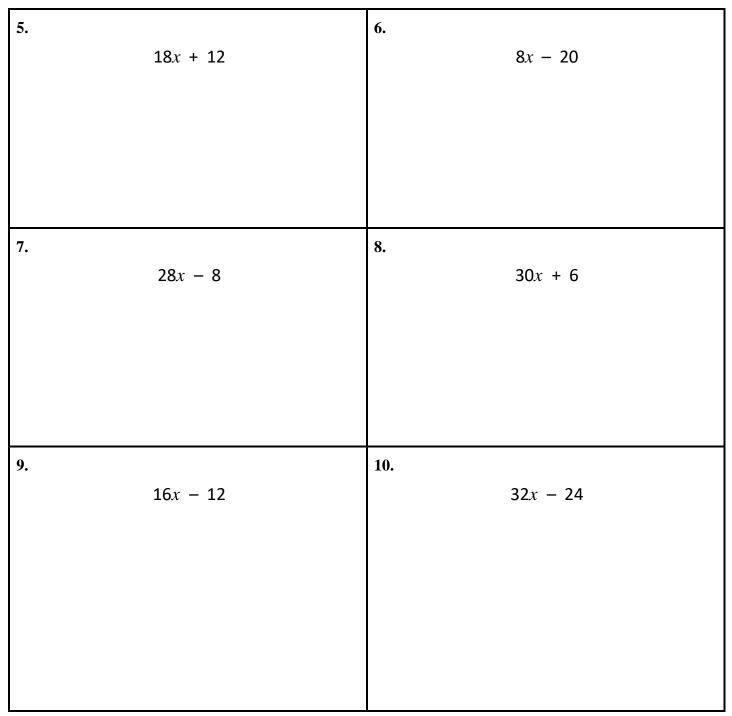
Factor each linear expression.



Session 8: Guided Practice (We Do - Continued)

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

> Students take turns leading to factor each linear expression.





Quick Check - Form H

Name_____

Date_____

Learning Target: I will d factor linear expressions.

