

7th Grade
Feb 23, 2021

Today we will:

-review/finish video notes

-in-class assignment: Skills Practice WS



HOMEWORK:

Skills Practice WS

THQ due Friday

ALEKS assignment:
60 min and 5 topics
due Monday by 11:59pm



7-4
Ex. 7

Subtracting Linear Expressions

In the video, he says:

"For subtraction, the way you're going to think about it is, this subtraction, we are going to distribute it to all the terms inside. Which means it's just going to turn everything to the opposite."

Example 3:

Find each difference.

a) $(5x+6) - (-x+6)$

$$5x+6+x-6$$

$6x$	$5x+6$
	$+x-6$
	$6x$

b) $(7y+5) - 2(4y-3)$

$$7y+5-8y+6$$

$-y+11$

Try on Your Own:
Find the difference.

5. $(m-3) - (-m+12)$

$$m-3$$

$$+ m-12$$

$$2m-15$$

6. $-2(c+2.5) + 5(1.2c+4)$

$$-2c-5 + 6c+20$$

$$-2c-5$$

$$+ 6c+20$$

$$-8c+25$$

$$(3x+7) - (x+5)$$

$$\begin{array}{r} 3x+7 \\ + -x-5 \\ \hline 2x+2 \end{array}$$

$$(-4x+3) - (-x-4)$$

$$\begin{array}{r} -4x+3 \\ + +x+4 \\ \hline -3x+7 \end{array}$$

$$(8x-9) + (-3x+1)$$

$$\begin{array}{r} 8x-9 \\ + -3x+1 \\ \hline 5x-8 \end{array}$$



Lesson 4 Skills Practice***Subtracting Linear Expressions***

**REMEMBER TO DISTRIBUTE
THE MINUS SIGN
ACROSS
THE PARENTHESES!**

Subtract.

1. $(3x - 3) - (x - 1)$

2. $(2x + 3) - (2x + 1)$

3. $(x - 7) - (x - 2)$

4. $(6x + 1) - (x + 1)$

5. $(-12x - 5) - (6x - 8)$

6. $(-3x - 5) - (-2x + 1)$

7. $(8x - 4) - (-3 + 2x)$

8. $(7x - 12) - (4x - 3)$