

7th Grade
April 16, 2021

Today we will:

- Review HW
- Complete graded assignment on Google form (turn in work on paper)

HOMEWORK:

ALEKS time and topics assignment due Monday night



Check completed notes/HW and put in binder if it is not already.

9-2 Skills Practice WS

NAME _____ DATE _____ PERIOD _____

Lesson 2 Skills Practice Representing Linear Functions

***There's an extra line in the input/output tables. Just leave it blank. Remember, choose any 4 x's and find their y's using the given rule.**

Find four solutions of each equation. Write the solutions as ordered pairs.

1. $y = 8x - 4$

Input	Output
-1	-12
0	-4
1	4
2	12
3	20

(-1, -12)
(0, -4)
(1, 4)
(2, 12)
(3, 20)

Handwritten notes:
8-1-4 = 4
8-2-4 = 12
8-3-4 = 20
8-4-4 = 28

2. $y = -x + 12$

Input	Output
-1	13
0	12
1	11
2	10
3	9

(-1, 13)
(0, 12)
(1, 11)
(2, 10)
(3, 9)

Handwritten notes:
-1+12 = 11
-2+12 = 10
-3+12 = 9
-4+12 = 8

3. $4x - 4y = 24$

Handwritten note: $X - y = 6$

Input	Output
-1	-7
0	-6
1	-5
2	-4
3	-3

(-1, -7)
(0, -6)
(1, -5)
(2, -4)
(3, -3)

Handwritten notes:
 $4 \cdot \frac{1}{4} - 4 \cdot \frac{1}{4} = 0 - 1 = -1$
 $4 \cdot \frac{2}{4} - 4 \cdot \frac{2}{4} = 2 - 2 = 0$
 $4 \cdot \frac{3}{4} - 4 \cdot \frac{3}{4} = 3 - 3 = 0$

4. $x - y = -15$

Input	Output
-1	14
0	15
1	16
2	17
3	18

(-1, 14)
(0, 15)
(1, 16)
(2, 17)
(3, 18)

Handwritten notes:
1-16 = -15
2-17 = -15
3-18 = -15

5. $y = 7x - 6$

Input	Output
-1	-13
0	-6
1	1
2	8
3	15

(-1, -13)
(0, -6)
(1, 1)
(2, 8)
(3, 15)

6. $y = -3x + 8$

Input	Output
-1	11
0	8
1	5
2	2
3	-1

(-1, 11)
(0, 8)
(1, 5)
(2, 2)
(3, -1)

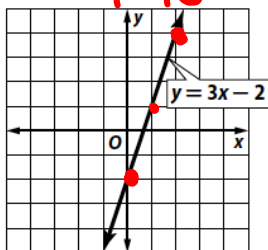
Graph each equation by plotting ordered pairs.

10. $y = 3x - 2$

Input	Output
-1	-5
0	-2
1	1
2	4

(-1, -5)
(0, -2)
(1, 1)
(2, 4)

Handwritten notes:
3-7 = -4
4-10 = -6

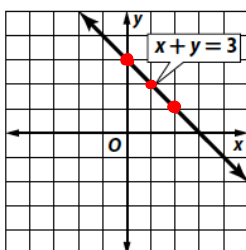


11. $x + y = 3$

Handwritten note: $y = -x + 3$

Input	Output
-1	4
0	3
1	2
2	1

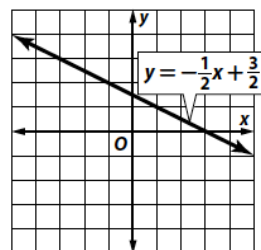
(-1, 4)
(0, 3)
(1, 2)
(2, 1)



12. $y = -\frac{1}{2}x + \frac{3}{2}$

Input	Output
0	3/2
1	1
2	1/2
3	0

(0, 3/2)
(1, 1)
(2, 1/2)
(3, 0)



$$y = 2x + 5$$

$$2 \cdot 2 + 5 = 9$$

$$2 \cdot 3 + 5$$

X @ (2, 1) (3, 4) (4, 8)

✓ (b) (2, 9) (3, 11) (5, 15)



Graded Assignment



After checking your homework, complete the THQ on the Google Form --Here is the link:

<https://forms.gle/T2ccQuQVsxDouFDM8>

You must submit your quiz on the Google Form by the end of class.

Don't forget to also update your table of contents (last slide). Keep up with it EACH DAY!!!



