

MATH 016 HOMEWORK 7 NAME: _____

Copyright ©2009, 2010 by A. Schremmer under a GNU Free Documentation License.

[Run: 07/24/2020 at 16:1 Seed: 6477. Order of Checkable Items: List.]

Response Grid (Check the appropriate boxes thus:)

Question	a	b	c	d	e
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					

After having read this chapter *pencil in hand* and done this HOMEWORK

i. What would you say the idea of this chapter is:

ii. What question(s) do you have about this chapter:

Hw 7-1. Given the data set

-3 Dollars, -2 Dollars, -1 Dollars, 0 Dollars, +1 Dollars, +2 Dollars,
+3 Dollars

and the formula in Dollars

$$x < +2$$

What are the solutions in Dollars?

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a. -3, -2, -1, 0, +1, +2 b. +2, +3 c. -3, -2, -1, 0, +1 d. +3
e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-2. Given the following data set:

-3 Dollars, -2 Dollars, -1 Dollars, 0 Dollars, +1 Dollars, +2 Dollars,
+3 Dollars

and the formula in Dollars

$$x \not< +2$$

What are the solutions in Dollars?

Your Work:

- i. Explain your reasoning in getting your result.

- ii. Circle which of the following choices matches exactly what you got above.

- a. $-3, -2, -1, 0, +1, +2$ b. $+2, +3$ c. $-3, -2, -1, 0, +1$ d. $+3$
e. None of the above four choices

- iii. Check on the front page the box that corresponds to your choice thus .

HW 7-3. Given the data set

-3 Dollars, -2 Dollars, -1 Dollars, 0 Dollars, $+1$ Dollars, $+2$ Dollars,
 $+3$ Dollars

and the formula in **Dollars**

$$x \leq +2$$

What are the solutions in **Dollars**?

Your Work:

- i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a. $-3, -2, -1, 0, +1, +2$ b. $+2, +3$ c. $-3, -2, -1, 0, +1$ d. $+3$
e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-4. Given the data set

-3 Dollars, -2 Dollars, -1 Dollars, 0 Dollars, $+1$ Dollars, $+2$ Dollars,
 $+3$ Dollars

and the formula in Dollars

$$x \neq +2$$

What are the solutions in Dollars?

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a. $-3, -2, -1, 0, +1, +2$ b. $+2, +3$ c. $-3, -2, -1, 0, +1$ d. $+3$
 e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-5. Given the data set

-3 Dollars, -2 Dollars, -1 Dollars, 0 Dollars, $+1$ Dollars, $+2$ Dollars,
 $+3$ Dollars

and the formula in Dollars

$$x > +2$$

What are the solutions in Dollars?

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a. $-3, -2, -1, 0, +1, +2$ b. $+2, +3$ c. $-3, -2, -1, 0, +1$ d. $+3$
 e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-6. Given the data set

0 Dollars, 1 Dollars, 2 Dollars, 3 Dollars

and the formula in Dollars

$$x \leq 2$$

What are the solutions in **Dollars**?

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a. 0, 1, 2 b. 2, 3 c. 0, 1 d. 3
e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-7. Given the data set

0 Dollars, 1 Dollars, 2 Dollars, 3 Dollars, 4 Dollars, 5 Dollars

and the formula in **Dollars**

$$x = 2$$

What are the solutions in **Dollars**?

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a. 0, 1, 2 b. 2, 3 c. 0, 5 d. 3, 4, 5
e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-8. Given the basic *equation* in **Dollars**

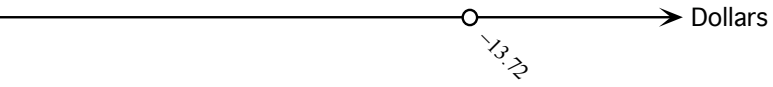
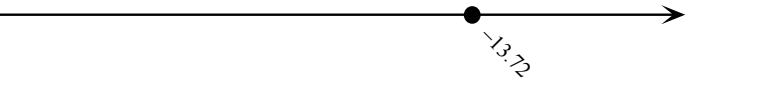
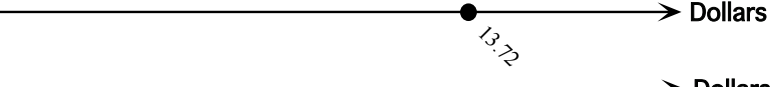

$$x = -13.72$$

graph its solution subset

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a.  Dollars
- b.  Dollars
- c.  Dollars
- d.  Dollars
- e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-9. Given the basic *inequation* in **Dollars**


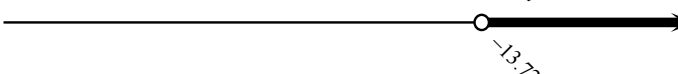
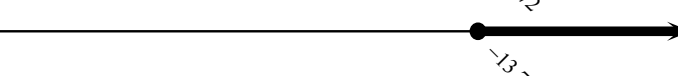

$$x < -13.72$$

graph its solution subset

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a.  Dollars
- b.  Dollars
- c.  Dollars
- d.  Dollars
- e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-10. Given the basic *inequation* in **Dollars**

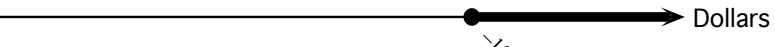
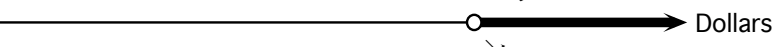
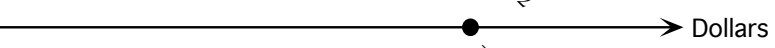

$$x > -13.72$$

graph its solution subset

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a.  Dollars
- b.  Dollars
- c.  Dollars
- d.  Dollars
- e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-11. Given the basic *inequation* in **Dollars**


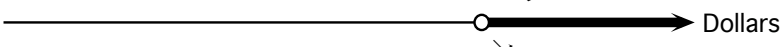
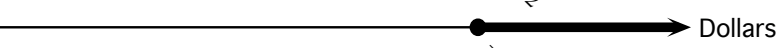

$$x \leq -13.72$$

graph its solution subset

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a.  Dollars
- b.  Dollars
- c.  Dollars
- d.  Dollars
- e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-12. Given the basic *inequation* in **Dollars**


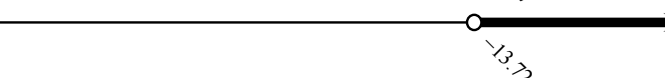
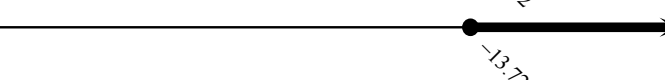

$$x \geq -13.72$$

graph its solution subset

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a.  Dollars
- b.  Dollars
- c.  Dollars
- d.  Dollars
- e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

Hw 7-13. Given the basic *inequation* in **Dollars**

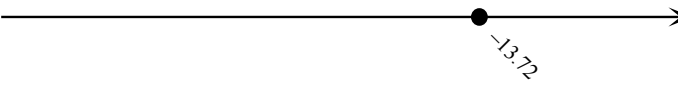


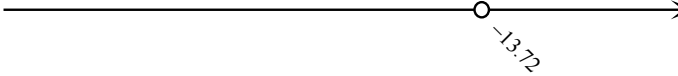
$$x \neq -13.72$$

graph its solution subset

Your Work:

i. Explain your reasoning in getting your result.

ii. Circle which of the following choices matches exactly what you got above.

- a.  Dollars
- b.  Dollars
- c.  Dollars
- d.  Dollars

e. None of the above four choices

iii. Check on the front page the box that corresponds to your choice thus .

MATH 016 HOMEWORK 7 Answers

Copyright ©2009, 2010 by A. Schremmer under a GNU Free Documentation License.

[Run: 07/24/2020 at 16:1 Seed: 6477. Order of Checkable Items: List.]

Answer Key:

Question	a	b	c	d	e	Item
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-6-h
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-7-h
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-8-h
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-9-h
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-10-h
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-11-h
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-12-h
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-26-h
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-27-h
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-28-h
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-29-h
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-30-h
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	../QuestionsBase/7/-31-h