

MATH 017 HOMEWORK 5 NAME: _____

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

[Run: 02/04/2015 at 19:15 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					
14					
15					
16					
17					
18					
19					
20					

The idea in this HOMEWORK is

Hw 5-1. Given the signed numerators -3 and $+7$ *in that order*, what *strict* comparison sentence(s) is (are) TRUE?

M $-3 > +7$

N $-3 < +7$

O $-3 \leq +7$

P $-3 \geq +7$

Your Work:

i. Explain your reasoning in getting your result.

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

- a. M and P b. N c. N and O d. Cannot compare because the signs are different
e. None of the preceding

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

Hw 5-2. Given the signed numerators -7 and $+3$ *in that order*, what *lenient* comparison sentence is TRUE?

M $-7 < +3$

N $-7 \leq +3$

O $-7 \geq +3$

P $-3 \geq +7$

Your Work:

i. Explain your reasoning in getting your result.

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

- a.
- b.
- c.
- d. Cannot compare because the signs are different
- e. None of the preceding

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

Hw 5-3. Given the signed numerators $+7$ and -3 *in that order*, what *lenient* comparison sentence is TRUE?

Your Work:

i. Explain your reasoning in getting your result.

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

- a. $+7 > -3$
- b. $+7 < -3$
- c. $+7 \geq -3$
- d. Cannot compare because they have different signs
- e. None of the preceding

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

Hw 5-4. Given the signed numerators $+3$ and -7 *in that order*, what *strict* comparison sentence is TRUE?

Your Work:

i. Explain your reasoning in getting your result.

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

- a. $+3 < -7$ b. $+3 \geq -7$ c. $+3 \leq -7$
d. Cannot compare because they have different signs.
e. None of the preceding

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

Hw 5-5. Given the signed numerators -7 and -3 *in that order*, what *strict* comparison sentence is TRUE?

Your Work:

i. Explain your reasoning in getting your result.

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

- a. $-7 > -3$ b. $-7 \leq -3$ c. $-7 \geq -3$
 d. Cannot compare because they have the same signs.
 e. None of the preceding

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

Hw 5-6. Given the signed numerators -3 and -7 *in that order*, what *lenient* comparison sentence(s) is(are) TRUE?

Your Work:

i. Explain your reasoning in getting your result.

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

- a. $-3 > -7$ b. $-3 < -7$ c. $-3 \geq -7$
 d. Cannot compare because they have the same signs.
 e. None of the preceding

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

Hw 5-7. Given the signed numerators -3 and $+7$ *in that order*, what *size* comparison sentence(s) is(are) TRUE?

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 is more in *size* than $+7$ b. -3 is less in *size* than $+7$
c. -3 is the same in *size* as $+7$ d. Cannot compare because they have different signs.
e. None of the preceding

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

Hw 5-8. Given the signed numerators -7 and $+3$ *in that order*, what *size* comparison sentence(s) is(are) TRUE?

Your Work:

i. Explain your reasoning in getting your result.

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

- a. -7 is more in *size* than $+3$ b. -7 is less in *size* than $+3$
c. -7 is the same in *size* as $+3$ d. Cannot compare because they have different signs.
e. None of the preceding

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

Hw 5-9. Given the signed numerators $+3$ and -7 *in that order*, what *size* comparison sentence is TRUE?

Your Work:

i. Explain your reasoning in getting your result.

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

- a. $+3$ is more in *size* than -7 b. $+3$ is less in *size* than -7
c. $+3$ is the same in *size* as -7 d. Cannot compare because they have different signs.
e. None of the preceding

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

Hw 5-10. Given the signed numerators $+3$ and $+7$ *in that order*, what *size* comparison sentence is TRUE?

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 is more in *size* than +7 b. +3 is less in *size* than +7
 c. +3 is the same in *size* as +7 d. Cannot compare because they have the same signs.
 e. None of the preceding

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

Hw 5-11. Given the signed numerators -7 and -3 *in that order*, what *size* comparison sentence is TRUE?

Your Work:

i. Explain your reasoning in getting your result.

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

- a. -7 is more in *size* than -3 b. -7 is less in *size* than -3
 c. -7 is the same in *size* as -3 d. Cannot compare because they have the same signs.
 e. None of the preceding

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

Hw 5-12. Given the signed numerators $+7$ and $+3$ *in that order*, what *size* comparison sentence is TRUE?

Your Work:

i. Explain your reasoning in getting your result.

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

- a. +7 is more in *size* than +3 b. +7 is less in *size* than +3
 c. +7 is the same in *size* as +3 d. Cannot compare because they have the same signs.
 e. None of the preceding

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

Hw 5-13. Identify the specifying-phrase $-3 \oplus +7$

Your Work:

i. Explain your reasoning in getting your result.

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

- a. +4 b. -4 c. -10 d. +10
 e. None of the preceding

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

Hw 5-14. Identify the specifying-phrase $+3 \oplus -7$

Your Work:

i. Explain your reasoning in getting your result.

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

- a. +4 b. -4 c. -10 d. +10
e. None of the preceding

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

Hw 5-15. Identify the specifying-phrase $-3 \oplus -7$

Your Work:

i. Explain your reasoning in getting your result.

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

- a. +4 b. -4 c. -10 d. +10
e. None of the preceding

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

Hw 5-16. Identify the specifying-phrase $-3 \ominus +7$

Your Work:

i. Explain your reasoning in getting your result.

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

- a. +4 b. -4 c. -10 d. +10
e. None of the preceding

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

Hw 5-17. Identify the specifying-phrase $+3 \ominus -7$

Your Work:

i. Explain your reasoning in getting your result.

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

- a. +4 b. -4 c. -10 d. +10
e. None of the preceding

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

Hw 5-18. Identify the specifying-phrase $-3 \ominus -7$

Your Work:

i. Explain your reasoning in getting your result.

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

- a. +4 b. -4 c. -10 d. +10
e. None of the preceding

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

Hw 5-19. What is the change *from* -3 *to* $+7$

Your Work:

i. Explain your reasoning in getting your result.

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

- a. +4 b. -4 c. -10 d. +10
e. None of the preceding

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

Hw 5-20. What is the change *from* -3 *to* -7

Your Work:

i. Explain your reasoning in getting your result.

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

- a. $+4$ b. -4 c. -10 d. $+10$
e. None of the preceding

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

MATH 017 HOMEWORK 5 Answers

Copyright ©2009, 2010 by A. Schremmer under a GNU Free Documentation License.
 [Run: 02/04/2015 at 19:15 Seed: 6477. Order of Checkable Items: List.]

Answer Key:

Question	a	b	c	d	e
1	■	□	■	■	■
2	■	□	■	■	■
3	■	■	□	■	■
4	■	■	■	■	□
5	■	■	■	■	□
6	■	■	□	■	■
7	■	□	■	■	■
8	□	■	■	■	■
9	■	□	■	■	■
10	■	□	■	■	■
11	□	■	■	■	■
12	□	■	■	■	■
13	□	■	■	■	■
14	■	□	■	■	■
15	■	■	□	■	■
16	■	■	□	■	■
17	■	■	■	□	■
18	□	■	■	■	■
19	■	■	■	□	■
20	■	□	■	■	■