

**FNMT 016 EXAM II** NAME: \_\_\_\_\_

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**Response Grid** (Check the appropriate boxes thus:  )

Question	a	b	c	d	e
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Your score on this EXAM II will count toward your Final Grade. In accordance with the User Manual, if you are unhappy with your score on this EXAM II, you will be able to take MAKE UP II at the end of the semester.



$x_m$  **II-1.** Execute the specifying-phrase  $[-2 \text{ Pears}] \times \left[ +3 \frac{\text{Dimes}}{\text{Pear}} \right]$

- a. +6 Pears      b. -6 Pears      c. +6 Dimes      d. -6 Dimes  
e. None of the above four choices

$x_m$  **II-2.** Execute  $1 + 2 - 3 + 4 - 5 + 6 - 7 + 8 - 9 + 10$

- a. +5      b. +7      c. +9      d. +11  
e. None of the above four choices

$x_m$  **II-3.** On Tuesday your balance was five hundred twenty-eight dollars and seventy-three cents in the black and on Friday your balance was twenty-seven dollars and twenty-two cents in the red. What is the signed number-phrase that represents the change in your balance from Tuesday to Friday?

- a. +501.51 Dollars      b. -555.95 Dollars      c. -501.51 Dollars      d. +555.95 Dollars  
e. None of the above four choices

$x_m$  **II-4.** Execute  $77 \div 0$

- a. +77      b. 0      c. -77      d. Cannot be donee  
e. None of the above four choices

$x_m$  **II-5.** Execute the specifying-phrase  $+702.037 \oplus -804.82$

- a. +102.783      b. -102.783      c. +1 506.857      d. -1 506.857  
e. None of the above four choices

$x_m$  **II-6.** Your balance was seven hundred twenty-three dollars and five cents in the red and you made a sixteen dollars and thirty-nine cents deposit. What is the signed number-phrase that represents your new balance?

- a. -706.66 Dollars      b. -739.44 Dollars      c. +739.44 Dollars      d. +706.66 Dollars  
e. None of the above four choices

$x_m$  **II-7.** Given the data set

-4.7 Dollars, -3.6 Dollars, 0 Dollars, +1.7 Dollars, +3.2 Dollars, +3.6 Dollars  
and the formula in Dollars

$$x \geq +3.2$$

What are the solutions in Dollars?

- a. -4.7, -3.6, 0, +1.7      b. +3.6      c. 0      d. -3.2, +3.6  
e. None of the above four choices

$x_m$  **II-8.** Execute the specifying-phrase  $-625.094 \oplus +39.197$

- a. +664.291      b. -664.291      c. +585.897      d. -585.897  
e. None of the above four choices

$x_m$  **II-9.** Your balance was seventy-seven dollars and ninety-two cents in the black and you made an eight hundred eighty-one dollars and eighteen cents deposit. What is the signed number-phrase that represents your new balance?

- a. +959.10 **Dollars**      b. -803.26 **Dollars**      c. +803.26 **Dollars**      d. -959.10 **Dollars**  
e. None of the above four choices

$x_m$  **II-10.** Your balance was seven hundred twenty-three dollars and five cents in the red and you made a sixteen dollars and thirty-nine cents withdrawal. What is the signed number-phrase that represents your new balance?

- a. -706.66 **Dollars**      b. -739.44 **Dollars**      c. +739.44 **Dollars**      d. +706.66 **Dollars**  
e. None of the above four choices

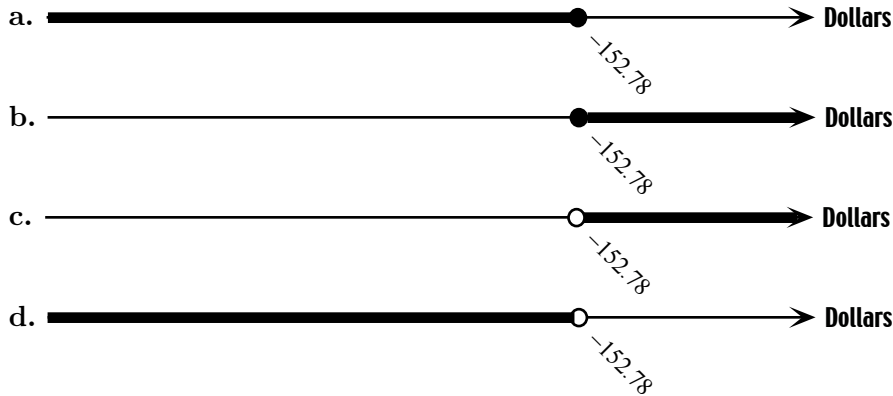
$x_m$  **II-11.** On Monday your balance was one hundred fifty-two dollars and thirty-one cents in the black and on Thursday your balance was four hundred thirty-eight dollars and seventeen cents in the black. What is the signed number-phrase that represents the change in your balance from Monday to Thursday?

- a. +285.86 **Dollars**      b. -285.86 **Dollars**      c. -590.48 **Dollars**      d. +590.48 **Dollars**  
e. None of the above four choices

$x_m$  **II-12.** Given the basic problem in **Dollars**

$$x \geq -152.78$$

which is the *graph* of its solution subset?



e. None of the above four choices

$x_m$  **II-13.** Execute  $0 \div -42$

- a. +42    b. -42    c. 0    d. Cannot be done  
e. None of the above four choices

$x_m$  **II-14.** Execute  $-23 - (-23)$

- a. -46    b. +46    c. 0    d. Cannot be done  
e. None of the above four choices

$x_m$  **II-15.** Execute  $-3 - 7 - 1 + 2 + 7 + 2 + 9 - 6 - 7 + 8 + 2 - 4$

- a. +1    b. +2    c. 0    d. +7  
e. None of the above four choices

$x_m$  **II-16.** Your balance was seventy-seven dollars and ninety-two cents in the black and you made an eight hundred eighty-one dollars and eighteen cents withdrawal. What is the signed number-phrase that represents your new balance?

- a. +959.10 Dollars    b. -803.26 Dollars    c. +803.26 Dollars    d. -959.10 Dollars  
e. None of the above four choices

$x_m$  **II-17.** Execute the specifying-phrase  $-307.306 \ominus -244.704$

- a. -552.010    b. +552.010    c. -62.602    d. +62.602  
e. None of the above four choices

$x_m$  **II-18.** Execute the specifying-phrase  $+804.9 \ominus +890.09$

- a. +85.19    b. -85.19    c. +1 694.99    d. -1 694.99  
e. None of the above four choices

$x_m$  **II-19.** Given the following “events”

$$\text{Mary's "event"} = [-4 \text{ Bananas}] \times \left[ +8 \frac{\text{Dimes}}{\text{Banana}} \right]$$

and

$$\text{Joan's "event"} = [-5 \text{ Apples}] \times \left[ -5 \frac{\text{Dimes}}{\text{Apple}} \right],$$

execute the specifying-phrase Mary’s “event”  $\oplus$  Joan’s “event”.

- a. +7Bananas      b. -7Apples      c. +57Dimes      d. -57Dimes  
e. None of the above four choices

$x_m$  **II-20.** Execute the specifying-phrase  $[+5 \text{ Plums}] \times \left[ +2 \frac{\text{Dimes}}{\text{Plums}} \right]$

- a. +10 Plums      b. +10 Dimes      c. -10 Plums      d. -10 Dimes  
e. None of the above four choices

$x_m$  **II-21.** Execute  $71 + 19 - (-7) + 3$

- a. +100      b. -100      c. +86      d. -86  
e. None of the above four choices

$x_m$  **II-22.** You thought your balance was one hundred seventy-two dollars and fifty-six cents in the red but you just found out that a twelve dollars and fifty-six cents check you had deposited bounced.

What is the signed number-phrase that represents your new balance?

- a. +185.12 Dollars      b. +160.00 Dollars      c. -185.12 Dollars      d. -160.00 Dollars  
e. None of the above four choices

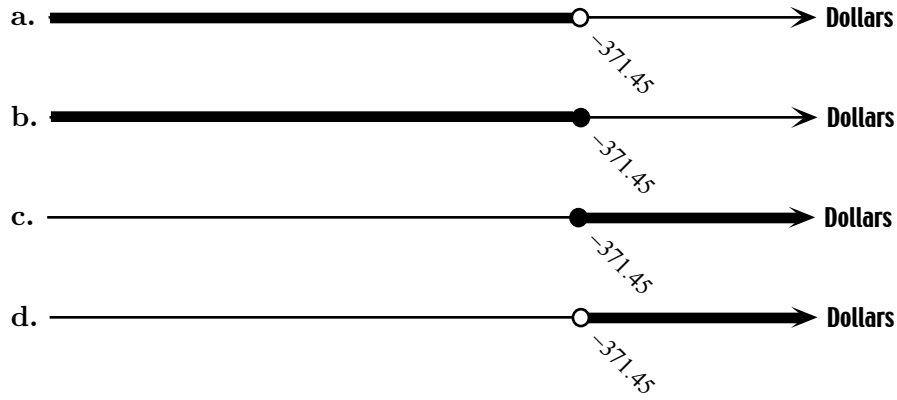
$x_m$  **II-23.** You thought your balance was four hundred thirty-seven dollars and thirty-three cents in the red but you just found out that an unjustified seventy-eight dollars and forty-two cents charge has been removed. What is the signed number-phrase that represents your new balance?

- a. +515.75 Dollars      b. +358.91 Dollars      c. -515.75 Dollars      d. -358.91 Dollars  
e. None of the above four choices

$x_m$  **II-24.** Given the basic problem in **Dollars**

$$x < -371.45$$

which is the *graph* of its solution subset?



e. None of the above four choices

*xm* **II-25.** Execute for *plain numbers*: 12 – 15

- a. 3    b. -3    c. +3    d. Cannot be done  
 e. None of the above four choices