MATH 016 REVIEW II Test NAME: _____

[Run: 07/24/2020 at 18:7 Seed: 6541. Order of Checkable Items: Random.]

Rv **II-1.** On Tuesday your balance was six hundred three dollars and twenty-eight cents in the red and on Friday your balance was fifty-six dollars and three cents in the black. What is the signed number-phrase that represents the change in your balance from Tuesday to Friday?

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-2.** Your balance was seventy-six dollars and thirty-eight cents in the red and you made an eight hundred seventy-six dollars and eleven cents deposit. What is the signed number-phrase that represents your new balance?

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-3.** Execute the specifying-phrase $+837.44 \ominus +869.04$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-4.** Execute the specifying-phrase $[-5\ \textsf{Carrots}] \times \left[+7\ \frac{\textsf{Cents}}{\textsf{Carrot}}\right]$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-5.** Execute $-53 - (-21)$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-6.** Execute $56 + 13 - (-7) + 31$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-7.** Execute the specifying-phrase $+792.037 \oplus -834.28$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-8.** Execute $0 \div -45$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-9.** Execute $2 - 1 + 4 - 1 - 3 + 5 - 3 - 2 + 1 + 6 - 1 + 5 + 2$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-10.** Your balance was seventy-six dollars and thirty-eight cents in the red and you made an eight hundred seventy-six dollars and eleven cents withdrawal. What is the signed number-phrase that represents your new balance?

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-11.** Execute the specifying-phrase $[+4\ \textbf{Apples}] \times \left[-2\ \frac{\textbf{Dimes}}{\textbf{Apple}}\right]$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-12.** Execute the specifying-phrase $-234.938 \ominus -402.772$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-13.** Execute $+2 - 1 + 4 - 1 - 3 + 5 - 3 - 2 + 1 + 6 - 1 + 5 + 2$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-14.** Given the problem in **Dollars**

$$x < -371.45$$

what is the *graph* of its solution subset?

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-15.** Given the following "events"

Jack's "event" $= [-4\ \textbf{Apples}] \times \left[+6\ \frac{\textbf{Dimes}}{\textbf{Apple}}\right]$

and

Jill's "event" $= [-5\ \textbf{Bananas}] \times \left[-3\ \frac{\textbf{Dimes}}{\textbf{Banana}}\right]$,

identify the specifying-phrase Jack's "event" $\oplus$ Jill's "event'.

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-16.** Your balance was seventy-six dollars and thirty-eight cents in the black and you made an eight hundred seventy-six dollars and eleven cents withdrawal. What is the signed number-phrase that represents your new balance?

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-17.** Given the problem in **Dollars**

$$x \geqq -152.78$$

what is the *graph* of its solution subset?

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-18.** Execute $31 \div 0$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-19.** Execute the specifying-phrase $-62.394 \oplus +39.977$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-20.** You thought your balance was one hundred seventy-two dollars and fifty-seven cents in the black 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?

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-21.** You thought your balance was one hundred seventy-two dollars and fifty-seven cents in the red but you just found out that an unjustified twelve dollars and fifty-six cents charge has been removed. What is the signed number-phrase that represents your new balance?

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-22.** Your balance was seventy-six dollars and thirty-eight cents in the black and you made an eight hundred seventy-six dollars and eleven cents deposit. What is the signed number-phrase that represents your new balance?

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-23.** On Monday your balance was three hundred thirty-two dollars and seventy one cents in the red and on Thursday your balance was seventy-four dollars and forty-six cents in the red. What is the signed number-phrase that represents the change in your balance from Monday to Thursday?

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-24.** Execute for *plain numbers*: $8 - 13$

Open Response Heading:

Open Response Instructions, Hints, etc.

Rv **II-25.** Given the data set

-3.2 **Dollars**, -2.6 **Dollars**, -1.3 **Dollars**, $+0.7$ **Dollars**, $+1.4$ **Dollars**, $+2.6$ **Dollars**, $+3.1$ **Dollars**

and the formula in **Dollars**

$$x < +3.2$$

What are the solutions in **Dollars**?

Open Response Heading:

Open Response Instructions, Hints, etc.