

MATH 017 REVIEW I Test NAME: _____

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[Run: 02/14/2011 at 14:21 Seed: 576. Order of Checkable Items: Random.]

Response Grid:

Question	a	b	c	d	e
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I-1. What should you *subtract* from -3 Dollars in order to get $+7$ Dollars?

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

I-2. Identify $-1 - 1 + 2 + 2 - 3 - 3 + 4 + 4 - 5 - 5 + 6 + 6$

- a. $+2$ b. $+4$ c. $+6$ d. $+8$
e. None of the preceding

I-3. 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?

- a. $+799.73$ Dollars b. -952.49 Dollars c. $+952.49$ Dollars d. -799.73 Dollars
e. None of the preceding

I-4. 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?

- a. $+185.12$ Dollars b. $+160.01$ Dollars c. -185.12 Dollars d. -160.01 Dollars
e. None of the preceding

I-5. 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?

- a. $+799.73$ Dollars b. -952.49 Dollars c. $+952.49$ Dollars d. -799.73 Dollars
e. None of the preceding

I-6. Identify the specifying-phrase $-395.82 \oplus +47.93$

- a. -443.75 b. -347.89 c. $+443.75$ d. $+347.89$
e. None of the preceding

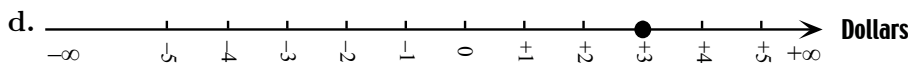
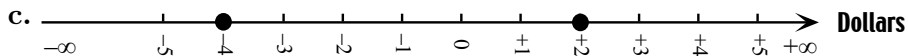
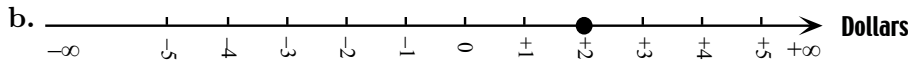
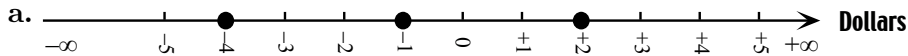
I-7. What is the *distance between* -332.71 Dollars and $+74.46$ Dollars

- a. -407.17 Dollars b. $+407.17$ Dollars c. $+258.25$ Dollars d. -258.25 Dollars
e. None of the preceding

I-8. Identify the specifying-phrase $+728.22 \ominus +76.29$

- a. $+804.51$ b. -804.51 c. $+651.93$ d. -651.93
e. None of the preceding

I-9. Plot the number phrase(s) that is/are at a 3 **Dollars** distance from -1 **Dollars**.



e. None of the preceding

I-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 deposit.

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

a. +799.73 **Dollars** b. -952.49 **Dollars** c. +952.49 **Dollars** d. -799.73 **Dollars**

e. None of the preceding

I-11. What is the *distance between* -332.71 **Dollars** and -74.46 **Dollars**

a. -407.17 **Dollars** b. +258.25 **Dollars** c. 258.25 **Dollars** d. -258.25 **Dollars**

e. None of the preceding

I-12. Identify the specifying-phrase $[+4 \text{ Apples}] \times \left[-2 \frac{\text{Dimes}}{\text{Apple}}\right]$

a. +8 **Apples** b. -8 **Apples** c. +8 **Dimes** d. -8 **Dimes**

e. None of the preceding

I-13. What should you *add* to -3 **Dollars** in order to get $+7$ **Dollars**?

a. -10 **Dollars** b. $+4$ **Dollars** c. -4 **Dollars** d. $+10$ **Dollars**

e. None of the preceding

I-14. Identify the specifying-phrase $+496.81 \ominus -52.59$

a. -549.4 b. -444.22 c. +549.4 d. +444.22

e. None of the preceding

I-15. 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?

a. +799.73 **Dollars** b. -952.49 **Dollars** c. +952.49 **Dollars** d. -799.73 **Dollars**

e. None of the preceding

a. +799.73 **Dollars** b. -952.49 **Dollars** c. +952.49 **Dollars** d. -799.73 **Dollars**

e. None of the preceding

- I-16.** Given the number-phrases -27.32 Dollars and -742.33 Dollars in that order, which *strict* algebra-comparison sentence is *true*?
- -27.32 Dollars ≥ -742.33 Dollars
 - -27.32 Dollars > -742.33 Dollars
 - -27.32 Dollars ≤ -742.33 Dollars
 - -27.32 Dollars < -742.33 Dollars
 - None of the preceding
- I-17.** The single action that gives the same result as a twenty-three dollars and fifty-two cents deposit followed by a sixty-eight dollars and seventy-six cents withdrawal is represented by what signed number-phrase?
- -92.28 Dollars
 - -45.24 Dollars
 - $+92.28$ Dollars
 - $+45.24$ Dollars
 - None of the preceding
- I-18.** 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?
- -547.25 Dollars
 - $+547.25$ Dollars
 - $+659.31$ Dollars
 - -659.31 Dollars
 - None of the preceding
- I-19.** Given the number-phrases -17.84 Dollars and $+6.37$ Dollars in that order, which lenient size-comparison sentence is *true*?
- -17.84 Dollars *is-larger-in-size-than* $+6.37$ Dollars
 - -17.84 Dollars *is-no-smaller-in-size-than* $+6.37$ Dollars
 - -17.84 Dollars *is-smaller-in-size-than* $+6.37$ Dollars
 - -17.84 Dollars *is-no-larger-in-size-than* $+6.37$ Dollars
 - None of the preceding
- I-20.** Identify $2 - 1 + 4 - 1 - 3 + 5 - 3 - 2 + 1 + 6 - 1 + 5 + 2$
- $+3$
 - -8
 - $+8$
 - 0
 - None of the preceding
- I-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?
- $+185.13$ Dollars
 - $+160.01$ Dollars
 - -185.13 Dollars
 - -160.01 Dollars
 - None of the preceding
- I-22.** Identify the specifying-phrase $[-5 \text{ Carrots}] \times \left[+7 \frac{\text{Cents}}{\text{Carrot}} \right]$

- a. **-35 Carrots** b. **+2 Cents** c. **-2 Carrots** d. **-35 Cents**
 e. None of the preceding

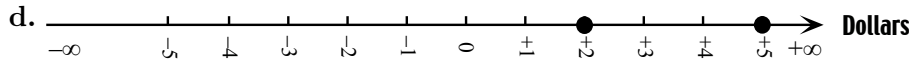
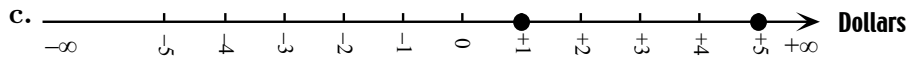
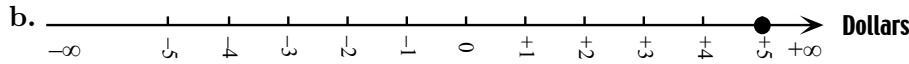
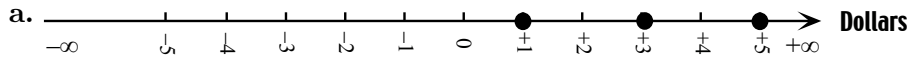
I-23. Identify the specifying-phrase $(-116.72) \oplus (-54.07)$

- a. **+62.65** b. **+170.79** c. **-62.65** d. **-170.79**
 e. None of the preceding

I-24. 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?

- a. **-407.17 Dollars** b. **+407.17 Dollars** c. **+258.25 Dollars** d. **-258.25 Dollars**
 e. None of the preceding

I-25. Plot the number phrase(s) that is/are at a **2 Dollars** distance from **+3 Dollars**.



- e. None of the preceding