

MATH 017 REVIEW I Questions

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[Run: 01/25/2011 at 16:58 Seed: 576. Order of Checkable Items: List.]

- I-1.** Given the number-phrases -17.84 **Dollars** and $+6.37$ **Dollars** in that order, which lenient size-comparison sentence is *true*?
- I-2.** Given the number-phrases -27.32 **Dollars** and -742.33 **Dollars** in that order, which *strict* algebra-comparison sentence is *true*?
- I-3.** 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?
- 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?
- I-5.** 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?
- I-6.** 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?
- I-7.** 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?
- I-8.** 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?

- I-9.** 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?
- 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?
- I-11.** 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?
- I-12.** What is the *distance between* -332.71 **Dollars** and -74.46 **Dollars**
- I-13.** What is the *distance between* -332.71 **Dollars** and $+74.46$ **Dollars**
- I-14.** Plot the number phrase(s) that is/are at a **3 Dollars** distance from -1 **Dollars**.
- I-15.** Plot the number phrase(s) that is/are at a **2 Dollars** distance from $+3$ **Dollars**.
- I-16.** Identify the specifying-phrase $(-116.72) \oplus (-54.07)$
- I-17.** Identify the specifying-phrase $-395.82 \oplus +47.93$
- I-18.** Identify the specifying-phrase $+496.81 \ominus -52.59$
- I-19.** Identify the specifying-phrase $+728.22 \ominus +76.29$
- I-20.** Identify $2 - 1 + 4 - 1 - 3 + 5 - 3 - 2 + 1 + 6 - 1 + 5 + 2$
- I-21.** Identify $-1 - 1 + 2 + 2 - 3 - 3 + 4 + 4 - 5 - 5 + 6 + 6$
- I-22.** What should you *add* to -3 **Dollars** in order to get $+7$ **Dollars**?
- I-23.** What should you *subtract* from -3 **Dollars** in order to get $+7$ **Dollars**?
- I-24.** Identify the specifying-phrase $[+4 \text{ Apples}] \times \left[-2 \frac{\text{Dimes}}{\text{Apple}}\right]$
- I-25.** Identify the specifying-phrase $[-5 \text{ Carrots}] \times \left[+7 \frac{\text{Cents}}{\text{Carrot}}\right]$