**Homework Sheet # 5** Name:

Parent Signature: Date: Period:

*Show all work* - ***NO CALCULATORS! Due: Thursday 10/02***

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**Compare the following using the**

**symbols: > = <.**

**1.**  **-** $4\frac{2}{3}$ **-4.72**

**2.** **-** $\frac{4}{5}$ **-0.88**

**Determine the following:**

**3.** -5 + (+6)

**4.** 35 + (-62)

**5.** -8 + (-23) + (+ 15)

**6.** Sofia owes her brother $25. She gives her brother the $ she earned dog-sitting. Write an addition expression to describe this situation. Then find the sum.

**7.** Stephanie has $152 in the bank. She withdraws $20. Then she deposits $84. Write an addition expression to represent this situation. Then find the sum.

**Determine the following:**

**8.** -9 - (+7)

**9.** 27 - (-43)

**10.** 16 - (-32) - (+51)

**11.** The temperature in Chicago was 12°F at 4:00 PM, by 10:00 PM the temperature was -5°F. What was the difference in the temperatures at 4:00 PM and 10:00 PM?

**12.** The Olympic diver climbs 6 meters to her diving height. She dives 3 meters into the water. What is the difference between the two distances?

**Determine the following:**

**13.** -3 • (-6)

**14.** 5(-9)

**15.** A submarine is diving from the surface at a rate of 22 feet per second. What is the depth of the submarine after one minute?

**16.** Walter owns 274 shares of Samsung Inc. After the announcement of the iPhone 6's release, Samsung stock went down $6 per share. What is Walter's potential lost due to this event? ***\*Use UPSCheck on the back or another piece of paper.***

**Determine the following:**

**17.** -72 ÷ (-9)

**18.** $\frac{-81}{9}$

**19.** The bank charges Steve a fee of $8 each time his check bounces. If he accrued $56 in fees for bounced checks this month. How many checks did he bounce?

**20.** A coastline has receded 45 inches in 9 years. Each year the coastline recedes the same distance. How far does the coastline recede each year?

***\*Use UPSCheck on the back or another piece of paper.***