Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ /28

**Integers Hand In**

1. Calculate: (2 marks each)
2. $7\left(-6\right) × -4 $ b) $142 × 4 ÷2$

$c) \left(-2\right)×\left[\left(10\right)+\left(-8\right)\right]+7 $ d) $\left(\left(3\right)^{2}+14\right)÷-5$

e) $-147+156÷\left(-4\right)+405÷\left(-15\right)$

 2. Calculate: (4 marks each)

a) $\frac{-54+18÷\left(-2\right)}{\left(-3-4\right)\left(-1\right)}$ b) $\frac{\left[6+\left(-38\right)\right]÷4\left(-2\right)}{\left(-2+4\right)\left(5-6\right)}$

3. A multiple-choice test with 50 questions has five possible choices for each question. There are 4 marks for each correct answer, -1 mark for each incorrect answer, and 0 marks for each unanswered question. What is the total score of a student with 35 correct answers, 10 incorrect answers, and 5 unanswered questions? *Write the integer expression and solve.* (3 marks)

4. There is an error in this solution.

$$3×\left(-8\right)÷-2 -4$$

$$=-24÷-6$$

$$=-4$$

 a) Calculate the solution. Show your work. (2 marks)

 b) Explain where/what the error was in the solution above. (2 marks)

5. Jane and her friends were selling cookies. They sold 4 more boxes the second week than they did the first. On the third week, they doubled their total sales. Altogether, they sold a total of 352 boxes. How many boxes did they sell in the first week? *Write the integer equation and solve.* (3 marks)