1 Quiz 1 MAT 1275 Professor Chiu

Name:

- This quiz consists of **2** questions, each worth 5 points, for a total of **10** points.
- You have 10 minutes to complete the quiz.
- Show all work and justify your answers.
- Scientific calculators are allowed.
- Wishing you success.
- 1. Simplify:

$$-2 - (-4) + 8 + (-4) - (-7) =$$

$$= -2 + 8 - (-7) - (-4) + (-4)$$

$$= 0 \text{ (find o)}$$

$$= -2 + 8 + 7 \text{ (the opposite of "toward left")}$$

$$= 6 + 7 = 13$$

2. Divide

from left digit '3" => 3 < 11

from left 2 digit '3" >> 3 < 11

[|X| = ||

 $11\times2 = 22 = 27 \Rightarrow \text{ se cond digit "2"}$ $11\times3 = 33 \Rightarrow \text{ first digit "3"}$ $11\times4 = 44$

(1145 = 55) third digit "4"

Ans: 3571 = 11 = 324 with remainder 7