-(-1) --(-3) = 1 + (-3) = -2 $\left| -\frac{15}{-3} + \left( -\frac{2}{0.5} \right) \right|$ 3):(-2)+-(-2.-1)=6+(-2)=4 Mathematics 52 Professor: Mohammed Kaabar Course ID: (27488) and (27501) Student's ID: Solution: Note: This homework covers some problems from the real number operations and properties. Solve the following three problems: Problem 1: Determine whether the following is true or false: a. -500.34 ≥ -200.87 False b.  $\left|-\frac{200}{2}\right| < \{(3455.45) - (4000.23)\} = 100 < -544.78$ f.  $\frac{2^3 + \sqrt[3]{125} + \left(\frac{15}{5}\right)}{\left(\frac{22}{2}\right) + |-20|} \ge \frac{\sqrt{25} - |-23| + 64^{\frac{1}{2}}}{34 + \sqrt{100}}$  The (see give # 2 Solution) Problem 2: Add the following using the number line: -5-4-3-2-1012345 a. -5+2=-3b. -10+8 - - Z c. -5-1=-6 (-5)-4-3-2-10 12345

