

Name _____ Period _____ Date Due _____

Unit 3 Review: Word and story Problems

Match the following words to the appropriate mathematic symbol:

- | | |
|---------------------------------|------------------------|
| _____ 1) Times the sum of | a) = 1 1 |
| _____ 2) Shared | b) + 1 1 |
| _____ 3) At least | c) - 1 1 |
| _____ 4) fewer | d) - (turn around) 1 1 |
| _____ 5) Above | e) ÷ 1 1 |
| _____ 6) Plus the difference of | f) * 1 1 |
| _____ 7) Subtract | g) () 1 1 |
| _____ 8) Is | h) ≤ 1 1 |
| _____ 9) Minimum | i) ≥ 1 1 |
| _____ 10) Combined | j) > 1 1 |
| _____ 11) Decreased by | k) < 1 |
| _____ 12) Below | |
| _____ 13) And | |
| _____ 14) From | |
| _____ 15) No more than | |
| _____ 16) Per | |
| _____ 17) Taller than | |
| _____ 18) Are | |
| _____ 19) Above | |
| _____ 20) Of | |
| _____ 21) Not Exceeding | |
| _____ 22) Product | |

Write and solve the following problems:

23) Four times a number less than two is greater than 2

24) 6 subtract the sum of 4 and z is 26

25) The quotient of t and 7 is the same as the sum of 4 and twice t .

For each of the following: a) Define the variable or what you're looking for, b) write the equation/inequality, c) solve the equation/inequality, d) write your answer in a complete sentence, e) does your answer make sense? Why or why not?

26) Joey is saving up to buy a digital camera that costs \$490. So far, he saved \$175. His parents give him \$21 a week towards the camera. He would like to buy the camera 3 weeks from now. What is the least amount he must save every week in order to buy the camera in 3 weeks?

27) Jeff and Oakley spend \$160 at the store. They bought 2 baseballs, 4 t-shirts and a baseball glove. The t-shirts are half the amount of a baseball and the baseball glove is \$10 more than a baseball. How much did each item cost?