

Name: \_\_\_\_\_

# May Choice Board

**DUE: MAY 30**



Directions: You must do 2 assignments from this page. Each is worth 50 points and together, add up to a test grade for the month. Answer them on a separate sheet of paper showing all work and attach the sheet to both assignments.

Do page 324	Create 5 word problems that use examples of equation with variables on both sides. SOLVE THEM.	Draw three 2D shapes that use variables to explain perimeter. Name the figure, Draw the sides, label, and find what the answers would be if $x = 10$ . (See page 313#25 for example)
How can you use your graphing section of your calculator to solve multi-step equations?  WRITE DIRECTIONS USING:  $4x - 6 = x + 3$  Find its answer.	CHALLENGE - SHOW WORK 1. Find three consecutive integers so that the sum of the first two is 10 more than the third. 2. Find the error, then solve:  L1: $1/2x + 4x = 13$ L2: $X + 4x = 26$ L3: $5x = 26$ L4: $x = 5.2$	Skim the Chapter 7 sections and develop 5 reasons/cautions you think students should know when solving multi-step equations.
Solve the following: 1. $4(x - 2) + 9x$ 2. $14 + 6(x - 5) + 7x$ 3. $-24(x - 12) - 18$ 4. $x - 2 + 9x - 21 + 3x$ 5. $4x - 2 + 9(x - 6)$ 6. $4(x - 2) + 9(x + 6)$ 7. $-3x + 2 + 5x - 8$ 8. $-4x - 10 + 9x - 5$ 9. $x - 2 + x - 2$ 10. $-3x + 3 + 4x - 1$	Vocabulary Definitions 1. Like terms 2. Term 3. Factor 4. Distributive property 5. Simplify 6. Variable 7. Constant 8. Expression 9. Equation 10. Equivalent	RETHINK: 1. What is the main goal when solving equations? 2. What are the three main steps to solving a two-step equation? 3. Show four different operational examples of a one-step problem. SOLVE them.