

MUST GET PROBLEMS CORRECT TO GET FULL CREDIT !!!!!!!!!!!!!!!!!!!!!!!

Name \_\_\_\_\_ Math HW # 16

Date Issued \_\_\_\_\_ Due Date \_\_\_\_\_

Solve the equations

1.  $2x - 8 = 20$

2.  $4(3x - 5) = 44$

3.  $5(5x - 30) = 100$

Simplify the expression- combine like terms

$4f - 10 + 2d - 8 + 12f - 20 + 3d - 10 - 30f$

$10b - 6 + 3b - 4z + 12 + 8z - 10 + 12b + 20z$

PSSA Question- Underline important info and show your work.

Taj wants to make 40 BH basketball t shirts. Kris's company charges \$40 to create the design and \$3.50 a t-shirt. Yusuf's company charges \$20 to create the design and \$3.75 per shirt. Which company should she choose?

On the back:

Create a word problem about 2 cars traveling different distances and times. Which car was traveling at a faster rate.