

Problem of the Day: Write and solve an equation.

Twice a number subtracted from eight is the same as the sum of twenty-eight and three times a number. $x = *$

Plan for the Day: Collect Homework Week 4

Daily integer quiz (if needed) $8 - 2x = 28 + 3x$

Finish notes (if needed)

Finish circuit (if needed) - due tomorrow

More practice with writing inequalities from stories

Objective: We will be able to write inequalities from story problems.

Good luck JH football and cheerleaders vs. SFA and Davila!!

Example 4: Write the inequality.

Dairy King and Tex Sandwiches both have a membership club for buying ice cream. At Dairy King, you pay a \$10 one-time fee and then get ice cream at the discounted price of \$1.25. Tex Sandwiches has a fee of \$4 once and then ice cream is sold for \$1.50. How many times would you have to go to Dairy King for it to be cheaper than Tex Sandwiches?

$$DK < TS$$

$$10 + 1.25x < 4 + 1.50x$$