Railroad Track Hand-In Assignment

DIMENSIONAL ANALYSIS - SHOW THE COMPLETE TRACK

Name: _____ Class: _____ Date: _____

Directions: Set up every problem with the railroad track. Write the starting value over 1, add the conversion factor or factors, cancel matching units, and show the arithmetic. Box the final answer with its unit.

#	Problem	Conversion factor(s)	Railroad track work and final answer
1	**8 dozen pencils = _____ pencils**	1 dozen = 12 pencils	
2	**540 minutes = _____ hours**	1 hour = 60 minutes	
3	**4 days = _____ hours**	1 day = 24 hours	
4	**6 feet = _____ inches**	1 foot = 12 inches	
5	**300 seconds = _____ minutes**	1 minute = 60 seconds	

Complete all five problems and hand this page to Mr. Bouyer. If the download or printer does not work, copy this chart onto a piece of paper, complete every problem, and turn in the paper.