Word Problem Answers for 21st Century Learning * 5th & 6th Grade Levels - B
These English & Metric Unit Word Problems could be nicely solved in an electronic environment such as MS Word & Desktop Calculator & Explorer.

1. A class experiment was comparing volumes in English and Metric measures.
     The students were to fill a somewhat large metal can to a marked level at the top.
        Using a 2 liter Pepsi container to empty the container and find Metric measure.
          It took 3 ½ of 2 liter Pepsi container to empty the metal can! How many gallons?
          A. 1.85 gallons   B. 3.95 gallons   C. 5.25 gallons   D. 2.5 gallons

2. Students in a Vocational Clothing Class were to measure material need to cover
     a modern style couch in English Units then convert to Metric Units for purchase.
        The measurement was 7.5 sqft of the selected material at a cost of $5 per sqft.
          What is the equivalent Metric Units to recover the modern style couch?
          A.5.75sqkm   B.7.50sqkm   **C. 6.97sqkm**   D. 6.99sqkm

4. Two students decided to walk to a nearby park and they started the walk at their school.
     The park was only a few blocks away and it is a nice day and it would be good exercise.
        If the students walked at an average rate of speed of 2 kmph from school to park
            and if it took 30 minutes from start to finish determine distance in English Units.
          A. 30 miles   **B. .62 miles**   C. .30 miles   D. 60 miles

4. Two students decided to climb a nearby hill and do Math problems for extra credit.
     Their target was a large Oak tree at the top and it would provide a beautiful view.
        If it took 20 minutes to get to the large Oak tree that was at the top of the hill
            and if it is .24 km from start to finish determine rate of speed in Metric Units.

          A. .08 km/hr   B. .48 km/hr   C. .12 km/hr   D. .48 km/hr

5. Four Students in a Outside Natural Science Team working on a MS School Project
     decided to collect temperatures and calculate M,M,M,R. for a grade period project.
        The Team collected a week of daily temperatures 19^0C, 17^0C, 22^0C, 20^0C, 22^0C.
          What would be the Mean for the week of daily temperatures be in English Units?
          A.22^0 F   B. 100^0 F   C. 86^0 F   **D. 68^0 F**

6. Using a Homemade **Trundle Wheel**, students from a MS Math Class did a P&A project.
     They measure Perimeter and calculated Area for the measurements of their school location.
        If their School location was a rectangle and measurements of 20 yds by 33 yds
            then determine Perimeter and Area for School location in whole digit Metric Units.
     A. P=.97m A=551sqm   **B. P=97m A=552sqm**   C. P=99m A=550sqm   D. P=100m A=500sqm