1) Solve the following proportions using the “cross-multiplication” method. Show the calculation you make for full marks. ➁ each

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a) b) c)

d) e) f)

Use your conversion table from our note to help with remaining questions:

2) Asher’s track coach has instructed him to do a 3.5-mile run. To visualize how far that is, Asher wants to convert this into yards. Which of the following set-ups could be correct? **Choose the correct one, and finish solving.** ➁

OR

3) One of Edwin Encarnacion’s longest homeruns last season was 460 feet. How far is this in yards? Like the last question, one of these setups is correct. **Choose the correct one, and finish solving**. ➁

OR

4) When eating red meat, nutritionists advice having a 4 oz serving. How much is that in pounds? Again, **choose the correct setup, and finish solving.** ➁

OR

5) You try converting the following imperial measures. Set up a proportion like the previous questions. ➁ each.

a) Convert 5.5 gallons into quarts b) Convert 20 fluid ounces into pints

6) Mr. Smith’s best throw with his Destroyer disc 350 feet. How many yards is this? ➁

7) A typical marathon is 26.2 miles. How many feet is this? Note: You will need to convert to yards first, and then feet. ➂