Units of Measurement
Worksheet 1

Choice *E*, in multiple-choice questions, is always: *I request help from the teacher*.

You may mark E in addition to one other choice if you think that you have the right answer to the question but you do not feel that you have a complete understanding of the problem.

Your teacher will decide whether to use the two-point or four-point scoring rubric for problems that use numbers, pictures, or words to justify/explain your answer(s). You may request help for these questions, too. Write the word "teacher" by your answer(s).

1. It takes Carter 45 minutes to get dressed for school, 10 minutes to eat his Pop Tart, and 15 minutes to walk the dog. If the bus comes at 8:15 a.m., what time must be set his alarm clock to have just enough time to get ready for school?

   A. 7:00 a.m. B. 7:05 a.m. C. 7:30 a.m. D. 7:45 a.m. E. Teacher

2. An appropriate unit of measurement for the capacity of a freezer is:

   A. cubic gallons B. meters C. pounds D. cubic feet E. Teacher

3. Carter and Chris walked to Etna High School. Chris walked from her house to the high school, which is one mile and three yards. Carter walked to the school from his house which was 5,000 feet. After walking to Etna High and back to their own houses, how many more feet has Chris walked than Carter?

   A. 289 ft. B. 578 ft. C. 293 ft. D. 576 ft. E. Teacher

4. Pythagleo wanted $1\frac{1}{2}$ gallons of lemonade for a party. He only has a pint measuring utensil. How many pints will he need?

   A. 6 B. 8 C. 12 D. 3 E. Teacher

5. Which could be a possible temperature of a freezer?

   A. 8°F B. 8°C C. 32°C D. 34°F E. Teacher

6. In October of 1964, three Enigma, Ohio students – Miriam, Mindy, and Susie – went trick or treating. They weighed the bags of candy when they returned home. Miriam had 2 lb. 11 oz., Mindy had 3 lb. 2 oz., and Susie had 2 lb. 10 oz. How much candy did they collect together?

   A. 9 lb. 3 oz. B. 8 lb. 7 oz. C. 7 lb. 22 oz. D. 8 lb. 6 oz. E. Teacher

7. Mrs. Sawyer is having a picnic for her stepson, Carter, and five of his friends. She plans to make two quarter-pound hamburgers for each person. She will not eat any hamburgers herself. How many pounds of hamburger meat should she buy?

   A. 3 lbs. B. 10 lbs. C. 5 lbs. D. 1 lb. E. Teacher



8. Chris measured Carter's height and found it to be 68 inches. What is another way to give the measure of Carter's height?

   A. 6 ft. 8 in. B. 4 ft. 4 in. C. 5 ft. 5 in. D. 5 ft. 8 in. E. Teacher

9. Pythagleo said that for some unknown reason, the school nurse gave all 500 missing Etna High students and staff a flu shot shortly before they disappeared. If each injection of the flu vaccine was 3 milliliter, how many liters of vaccine are needed?

   A. 1500 liters B. 150 liters C. 15 liters D. 1.5 liters E. Teacher

10. Which would be the best metric unit to measure the distance from one's elbow to one's shoulder?

    A. kilometer B. millimeter C. meter D. centimeter E. Teacher