Units of Measurement

Answer Keys, Program 4: Worksheets 1 - 2

Each question on every worksheet offers the students the option of marking "Teacher" instead of or in conjunction with answering the question. The "Teacher" option is included to support student understanding and achievement. Students may have as much help and guidance as they need to understand concepts and master skills.

Instructors may decide whether to use the two or four point scoring rubric for constructed response problems (problems that use numbers, pictures, or words to justify/explain student answers). See the appendix for the complete rubrics.

Two-Point Scoring Rubric	Four-Point Scoring Rubric
2 – Complete	4 – Complete
1 – Partial	3 – Clear
0 – Inadequate	2 – Partial
	1 – Minimal
	0 - Inadequate

Worksheet 1

1. B. 7:05 a.m.
2. D. cubic feet
3. B. 578 ft.
4. C. 12
5. A. 8°F
6. B. 8 lb. 7 oz.
7. A. 3 lbs.
8. D. 5 ft. 8 in.
9. D. 1.5 liters
10. D. centimeter

Worksheet 2

1. B. 300
2. A. pounds
3. B. 98.6° F
4. C. 17.5
5. No, 15 gallons was not enough for 250 people to have 8 ounces each. Answers should reflect the following: **1)** 250 people x 8 ounces = 2000 ounces needed. **2)** 16 cups in a gallon x 8 ounces per cup = 128 ounces in a gallon. **3)** 15 gallons x 128 ounces = 1920 ounces of juice in 15 gallons. **4)** 2000 ounces > 1920 ounces.
6. C. 225 minutes
7. D. 1,750 mm
8. 1 quart. Answers should reflect the following. **1)** Convert gallons to cups. $\frac{1}{2}$ gallon = 8 cups. **2)** Convert pints to cups 1 pint = 2 cups. **3)** Determine the number of missing and used cups of milk. 1 + 1 + 2 = 4 cups of milk. 4). Determine how much milk is left. 8 cups – 4 cups = 4 cups. **4)** Convert the cups back into pints/quarts. 4 cups = 2 pints or 1 quart.
9. C. degrees per hour
10. A. 5.5 liters