

BLM Answers

Literacy Link: Word Wall

Sample Response

<p>Definition:</p> <p>imperial measures: a system of measurement based on British measures</p>	<p>Characteristics:</p> <p>often used when baking, woodworking, or in construction</p>
<p>Examples:</p> <p>1 cup, 1 yard, a square foot</p>	<p>Non-Examples:</p> <p>a litre, a metre, a kilometre</p>

BLM Answers

BLM 1.1.2 Investigate: The Relationships Among Imperial Units

Part A: Units of Length

1. a) 12; 3
b) $\frac{1}{16}$ in.
Extension:
36
5280
1760

Part B: Units of Volume

2. 8
2
2
4
4
3
2

Part C: Units of Weight

3. a) 16
b) 2000
Extension: elephant, tank, and truck

BLM 1.2.2 Metric – Imperial Conversions

Part A: Units of Length

39
2.54
0.914
1.09
1.61
0.621

Part B: Units of Mass and Weight

454
28.35
2.202
0.454

Part C: Units of Volume

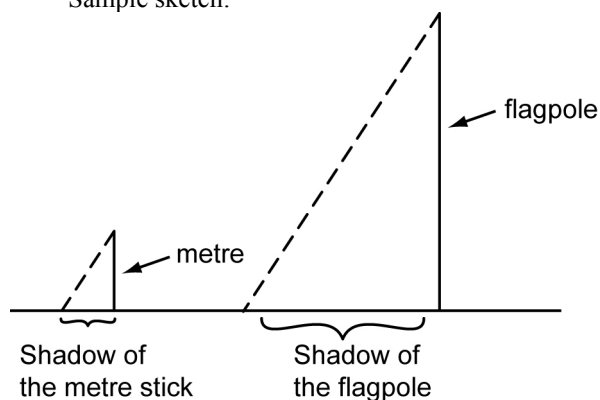
236.6
4.23
29.6
0.24
0.95
3.8
14.8

Part D: Units of Temperature

$1.8C + 32$
 $(F - 32)/1.8$

BLM 1.4.2 Investigate: Find the Height of Your School's Flagpole

1. Answers will vary.
2. Answers will vary.
3. Student's sketches will vary. Ensure that sketches are appropriately labeled.
Sample sketch:



4. Answers will vary. Possible answer: The triangles are similar because the angles are equal, and the side lengths are proportional.
5. Answers will vary.