Advanced Metric Length Challenges

Name: _____   Date: _____

Answer the questions by choosing the correct option!

1) A rectangular field is 0.75 kilometers long and 0.4 kilometers wide. What is its area in square meters?
    a) 300 m²
    b) 300,000 m²
    c) 3,000 m²
    d) 30,000 m²

2) A metal rod is 3.25 meters long. If it is cut into 25 equal pieces, what is the length of each piece in centimeters?
    a) 13 cm
    b) 1.3 cm
    c) 130 cm
    d) 32.5 cm

3) A rope is 45,000 millimeters long. What is its length in meters and kilometers?
    a) 45 m and 0.045 km
    b) 450 m and 0.45 km
    c) 4.5 m and 0.0045 km
    d) 45 m and 0.0045 km

4) A piece of ribbon measures 2.8 meters. If it is cut into 7 equal pieces, what is the length of each piece in centimeters?
    a) 4 cm
    b) 40 cm
    c) 400 cm
    d) 28 cm

5) A rectangular garden measures 0.6 kilometers by 0.8 kilometers. What is the total area in square meters?
    a) 480 square meters
    b) 4800 square meters
    c) 48,000 square meters
    d) 4,800,000 square meters