Solve the following word problems involving the area of parallelogram, triangle, and trapezoid.

1. Randy has a garden that is in the shape of a parallelogram. If its base is 8 meters and the height is 7 meters, what is the area of the garden?

   A = base x height

   A = _____ m **x** _____ m

   A = _____ m^2

2. A triangular flag let has a base of 3 meters and a height of 6 meters. How many square meters of materials were used in making it?

   $$A = \frac{base\ x\ height}{2}$$

   $$A = \frac{___m\ x\ ___m}{2}$$

   $$A = \frac{___m}{2}$$

   $$A = ____m^2$$

3. A wooden area is in the shape of a trapezoid whose bases measure 32 m and 23 m and its height is 10 meters. What is its area?

   $$A = \frac{(base1 + base2)\ x\ height}{2}$$

   $$A = \frac{(___m + ___m)\ x\ ___m}{2}$$

   $$A = \frac{___m\ x\ ___m}{2}$$

   $$A = \frac{___m}{2}$$

   $$A = ____m^2$$

LIVEWORKSHEETS