

ET142 Math and Measure Pt1

Problem

1. What is the area of a roof that is 23ft x 52 ft?
2. What is the area of a triangle that is 14in wide and 16in tall?
3. What is the area of a circle with a diameter of 32ft?
4. What is the circumference of a circle with a diameter of 32ft?
5. What is the perimeter of a rectangle that is 10ft x 36in?
6. $\frac{3}{4}$ of three feet equals how many inches?
7. If a PV system is drawn to a $\frac{1}{8}$ " equals 1' scale, 1" on the drawing is equal to:
8. If a PV system is drawn to $\frac{3}{4}$ " equals 1' scale, 4" on the drawing equals:
9. How many square inches are there on a PV module that is 5ft x 3ft?
10. How many square yards are there on a roof that is 23ft x 52ft?