Find 64 ÷ 8.

8

Find 8 × 64

512

Convert 372 inches to feet.

31 feet

Convert 12 feet to inches.

144 inches

Find the area of a square that is 6 ft by 6 ft.

36 square feet

Find the area of a rectangle in square inches that is 6ft 5 inches by 7ft 3 inches

77 × 87 = 6,699 in2

Find the area of a rectangle in square feet that is 6ft 5 inches by 7ft 3 inches

6,699 ÷ 144 = 6.4166666 × 7.25 = 46.52

Find the area of a rectangular room with a flat ceiling that is 9 ft 6 inches tall, in cubic feet that is 6ft 5 inches wide and 7ft 3 inches long

46.52 × 9.5 = 441.94 ft3

The area of a triangle can be calculated using this formula: A = hb × b ÷ 2

If hb  = 6’ and b = 17’ what is the area of the triangle?

51 ft2

If a right triangle was 6 ft long on one side and 8 ft long on the other side of the 90 degree angle, what is the area of the triangle?

6 × 8 ÷ 2 = 24 ft2

Find the area of a circle with a 20 ft diameter

Π × r2 = 3.14 × 102 = 314 ft2

Liters per second (LPS) of airflow multiplied by 0.472 equals CFM of airflow. Find out how many CFM there is if the drawing calls for 8,800 LPS?

4,153.6 CFM

If the drawing read 10,000 LPS how many CFM would that be equivalent to?

4,720

If the design temperature was 22O C, what is the design temperature in Fahrenheit? Note: [C0 x 9/5] + 32 = F0

(20 × 1.8) + 32 = 71.6 O F