

MEASUREMENTS AND CALCULATIONS

① Convert the following customary units.

[a] 16 gallons = _____ cups

[b] 468 inches = _____ yards

[c] 240 ounces = _____ pounds

[d] 144 cups = _____ quarts

[e] 128 fluid ounces = _____ cups

[f] 48 pounds = _____ ounces

[g] 73 feet = _____ inches

② A runner runs 300 miles in 5 hours. How many miles will he run in 75 minutes running at an even pace?

③ A right-angled triangle has one leg of 5 inches and a hypotenuse of 13 inches. Calculate the length of the other leg.

④ The radius of a circular park is 28 inches. Find the circumference of the park?

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Answers

① Convert the following customary units.

[a] 16 gallons = 256 cups

[b] 468 inches = 13 yards

[c] 240 ounces = 15 pounds

[d] 144 cups = 36 quarts

[e] 128 fluid ounces = 16 cups

[f] 48 pounds = 768 ounces

[g] 73 feet = 876 inches

② A runner runs 300 miles in 5 hours. How many miles will he run in 75 minutes running at an even pace?

75 miles

③ A right-angled triangle has one leg of 5 inches and a hypotenuse of 13 inches. Calculate the length of the other leg.

12 inches

④ The radius of a circular park is 28 inches. Find the circumference of the park?

176 inches