

Why Is a Good Grade in Algebra Like a Puppy in Antarctica ?



Solve each problem and find your answer in the rectangle below. Cross out the box that contains your answer. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

1	If there are 560 calories in 8 ounces of meat, how many calories are in 3 ounces of meat? _____ calories
2	If 2 cubic feet of sawdust weigh 25 pounds, how much do 9 cubic feet of sawdust weigh? _____ pounds
3	A certain hose delivers 5 gallons of water in 24 seconds. How much water will the hose deliver in 10 minutes? _____ gallons
4	The ratio of the weight of an object on Mars to its weight on Earth is 9 to 25. If a person weighs 120 pounds on Earth, how much would the person weigh on Mars? _____ pounds
5	A flagpole casts a shadow 8.5 meters long. If an algebra student 1.6 meters tall casts a shadow 2.0 meters long at the same time and location, how tall is the flagpole? _____ meters
6	A U.S. nickel is composed of 3.9 grams of copper and only 1.2 grams of nickel. How many kilograms of copper must be combined with 4 kilograms of nickel in the manufacture of nickel coins? _____ kilograms
7	At a certain college, the ratio of men to women is 6 to 5. If there are 2580 men, how many women are there? _____ women
8	In a town of 30,000 households, a survey was taken to estimate the number of households in which a certain TV program had been viewed. Of the 200 residences surveyed, the program had been seen in 64. Assuming that this was a representative sample, estimate the total number of households in the town in which the program was viewed. _____ households

PU	I	NA	PS	TS	A	DO
125	14.2	9600	43.2	8800	13	41.5
IT	GO	T	NI	OD	RA	CE
210	132	6.8	2230	112.5	2150	7.3

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