

What Should You Say When You Meet An Angel?

Work each problem and find your answers at the bottom of the page. Shade in the letter above each correct answer. When you finish, you will know what to say!

→	1	If 2 cubic feet of sand weigh 90 pounds, how much do 5 cubic feet of sand weigh? ANSWER: _____ pounds
↓	2	If there are 560 calories in 8 ounces of meat, how many calories are in 3 ounces of meat? _____ calories
→	3	If pencils sell at 6 for 59¢, how many pencils can be bought for \$2.95? _____ pencils
→	4	A car travels 350 miles on 20 gallons of gasoline. How many gallons will be used to travel 875 miles under the same conditions? _____ gallons
→	5	The ratio of oil to vinegar in a certain salad dressing is 8 : 5. How much oil must be blended with 7 liters of vinegar for that recipe? _____ liters
→	6	The ratio of the weight of an object on Jupiter to its weight on Earth is 8 to 3. How much would a 100 pound person weigh on Jupiter? _____ pounds
→	7	If 1 gallon of paint covers 450 square feet, how many gallons are needed to paint a room with 675 square feet of wall surface? _____ gallons
→	8	If it takes 4 ounces of insecticide to make $2\frac{1}{2}$ gallons of garden spray, how much spray can be made with 6 ounces of insecticide? _____ gallons
→	9	A flagpole casts a shadow 32 feet long. If a man 6 feet tall casts a shadow 8 feet long at the same time and location, how tall is the flagpole? _____ feet
→	10	$4\frac{1}{3}$ cans of water must be added to a can of lemonade concentrate to make 64 ounces of lemonade. How many cans of water are needed to make 96 ounces of lemonade? _____ cans
→	11	Bronze is an alloy of copper and tin. If a certain type of bronze requires 0.3 kilogram of tin per 1.0 kilogram of copper, how much tin must be combined with 50 kilograms of copper? _____ kilograms
→	12	At a certain college, the ratio of men to women is 5 to 4. If there are 2800 men, how many women are there? _____ women
→	13	A cookie recipe which calls for $3\frac{1}{2}$ cups of flour makes 5 dozen cookies. How much flour is needed to make 3 dozen cookies? _____ cups
→	14	3.6 grams of salt will dissolve in 10 grams of water. How many grams of salt will dissolve in 1000 grams of water? _____ grams

W	E	F	I	G	H	T	W	I	T	H	B	A	L	L	O	T	S
360	210	24	15	2240	300	$11\frac{1}{5}$	225	$1\frac{1}{2}$	$266\frac{2}{3}$	$6\frac{1}{2}$	30	2320	$2\frac{1}{5}$	$3\frac{3}{4}$	32	$2\frac{1}{10}$	50