

Name _____



Date _____

Percents

Complete.

<p>1. Let's say you have a molecule that is made entirely out of four different kinds of subunits called As, Ts, Cs, and Gs. In this molecule, the number of Cs equals the number of Gs and the number of Ts equals the number of As. If one of these molecules is analyzed and found to consist of 41% As, then what percent of the molecule is made up of Gs?</p>	<p>2. Mr. Snead makes \$30,600 a year. His boss, Ms. Tong just gave him a raise. Now he makes \$32,300 a year. His salary has increased by what percent? Round your answer to the nearest tenth of a percent.</p>
<p>3. Ms. Martinez wants to donate twelve percent of her paycheck to the Mountain Springs Hospital for Children. If her paycheck is \$ 845.00, how much should she send to the Mountain Springs Hospital for Children?</p>	<p>4. Mushrooms produce a tremendous number of spores. However, very few spores go on to establish a new mushroom colony. A "colony" is actually a little bunch of fuzzy-looking cells called a mycelium. Let's say a particular mushroom produces a billion spores in a day. If half of one percent of those spores successfully produces a new mycelium, how many of the spores were successful?</p>
<p>5. Scientists estimate that the average annual temperature in Bigtown has increased by two and five tenths percent over the past century. If the current average annual temperature in Bigtown is 16.3°C, what must the average temperature have been 100 years ago? Round your answer to the nearest hundredth of a degree.</p>	<p>6. There is a herd of ibex (kind of like antelope) out on the range. Fifty-three percent of the ibex are male. If the herd consists of 981 individuals, how many are female?</p>

Enter answers
in text boxes.