

Name _____



Date _____

Percents

Complete.

<p>1. When our teacher handed out our math test, she told us to omit problems 4, 7, 9, 11, and 15. There were forty problems on the test. What percent of the problems did we have to solve (to the nearest percent)?</p>	<p>2. Destiny's mother is a nurse. She came to school to check our posture and our backs. She told us that about 4.8% of children have a problem called scoliosis. There are two hundred nineteen students in our school. If our school is like the average, how many children will have scoliosis? Express your answer to the nearest whole number.</p>
<p>3. If the probability of a particular species of caterpillar having purple spots is half, what percent of the caterpillars of that species that hatched this season would we expect to see with purple spots?</p>	<p>4. Sydney made a birdhouse tower in her back yard (some birds like to be pretty far off the ground before they will feel comfortable in a bird house close to a human house). She showed it to her teacher who was very impressed. However, he recommended she increase the height by 16%, just to be sure the birds would like it. If it was 8 feet 2 inches tall now, how tall should it be if she decides to follow her teacher's advice?</p>
<p>5. According to the Internal Revenue Service, 18.3 percent of the people who fill out federal income tax forms leave out pertinent information. Having to send back tax forms slows down the operation of the IRS. According to IRS figures, how many people out of three thousand will leave out pertinent information on their forms (round to the nearest person)?</p>	<p>6. The local store is having a sale. All floopers are 56% off. If a flooper normally costs \$12.86 plus 8% sales tax, how much will it cost to buy a flooper during the sale?</p>