

NAME: _____

Unit 3B Test Review HW

DIRECTIONS: Red each problem carefully. Show all work. Include LABELS with your answers.

<p>1.) A model house is 12cm wide. If it was built with a scale of 3cm : 4m, then how wide is the actual house? Set up & solve a proportion.</p>	<p>2.) Oak Grove and Salem are 87 miles from each other. How far apart would the cities be on a map that has a scale of 5 in : 29 mi? Set up & solve a proportion.</p>
<p>3.) The cost of the dinner was \$476. You left an 18% tip. What was the total cost of the meal?</p>	<p>4.) Six Flags is having a sale on admission. The original price is \$62.50. If it is on sale for 45% off, what will be the sales price?</p>
<p>5.) Sandra is a salesperson at a jewelry store. She earns a 7% commission on each sale. How much does she earn on the sale of a \$5,600 diamond bracelet?</p>	<p>6.) Carmen earns 4.5% interest on an investment of \$6000 each year. How much money will she earn after 6 years?</p>
<p>7.) 112 is 76% of what number? Round your answer to the nearest tenth. Set up & solve a proportion $\left(\frac{\text{part (is)}}{\text{whole (of)}} = \frac{\%}{100}\right)$</p>	<p>8.) 79% of 67 is what number? Round your answer to the nearest tenth. Set up & solve an equation.</p>

