

NAME: _____

PERCENT OF DECIMAL NUMBERS

Instructions: Solve the word problems by converting between percents and decimals as needed.

<p>A Karen saved 40% of her \$500 paycheck. How much did she save?</p> <ul style="list-style-type: none">▪ Calculation:▪ Answer: _____	<p>B Tom scored 90% on his science test, which had 50 questions. How many questions did he answer correctly?</p> <ul style="list-style-type: none">▪ Calculation:▪ Answer: _____
<p>C A store is offering a 15% discount on a jacket that costs \$120. How much is the discount?</p> <ul style="list-style-type: none">▪ Calculation:▪ Answer: _____	<p>D A car's value depreciates by 10% each year. If the car was originally worth \$30,000, what will its value be after one year?</p> <ul style="list-style-type: none">▪ Calculation:▪ Answer: _____
<p>E Maria's phone battery is at 20% capacity, which means it has 400 mAh left. What is the total capacity of her phone battery?</p> <ul style="list-style-type: none">▪ Calculation:▪ Answer: _____	<p>F Jim spent 15% of his \$800 monthly income on rent. How much did he spend on rent?</p> <ul style="list-style-type: none">▪ Calculation:▪ Answer: _____
<p>G Alice has read 45% of her 200-page book. How many pages has she read?</p> <ul style="list-style-type: none">▪ Calculation:▪ Answer: _____	<p>H A company increased its sales by 35% this year. If they sold 400 units last year, how many units did they sell this year?</p> <ul style="list-style-type: none">▪ Calculation:▪ Answer: _____
<p>I A recipe requires 0.5 of a cup of sugar. What is this amount as a percent?</p> <ul style="list-style-type: none">▪ Calculation:▪ Answer: _____	<p>J If 65% of the students in a school are boys and there are 390 boys, how many students are there in total?</p> <ul style="list-style-type: none">▪ Calculation:▪ Answer: _____

How Did You Do? 😊 😐 ☹️