

Name: _____

DISCRETE

Date: _____

TROICI

LESSON #8: PERCENT INCREASE

<p>Steps:</p> <p>1) _____</p> <p>2) _____</p> <p>3) _____</p>	<p>Example:</p>
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Let's Practice (round all answers to the nearest hundredth):

<p>1) You earn \$575.00 per week and receive a 5% raise. Find your new earnings.</p>	<p>2) You earn \$800.00 per week and receive a 3.5% raise. Find your new earnings.</p>
<p>3) You earn \$829.65 per week and receive a 7% raise. Find your new earnings.</p>	<p>4) You earn \$750.25 per week and receive a 1.5% raise. Find your new earnings.</p>
<p>5) You earn \$225.75 per week and receive a 4.75% raise. Find your new earnings.</p>	<p>6) You earn \$200 per week and receive a 2.25% raise. Find your new earnings.</p>

7) Jesse Jam earns \$552.00 per week and receives a 5% raise. What is his new pay?

Fill in the chart below. Round all answers to the nearest tenth.

Deductions	Percent of Gross Pay	Amount (before raise)	Amount (after raise)
Federal Income Tax:	10.2%		
State Income Tax:	3.1%		
Social Security:	8.2%		
Health Insurance:	2.0%		
Total			

8) Jane Doe earns \$1590.50 per week and receives a 3.5% raise. What is her new pay?

Fill in the chart below. Round all answers to the nearest tenth.

Deductions	Percent of Gross Pay	Amount (before raise)	Amount (after raise)
Federal Income Tax:	16.4%		
State Income Tax:	12.5%		
Social Security:	5.8%		
Health Insurance:	1.7%		
Total			

9) Liz Giz earns \$452.50 per week and receives a 7% raise. What is her new pay?

Fill in the chart below. Round all answers to the nearest tenth.

Deductions	Percent of Gross Pay	Amount (before raise)	Amount (after raise)
Federal Income Tax:	20.3%		
State Income Tax:	15.2%		
Social Security:	5.2%		
Health Insurance:	2.0%		
Total			

10) Lucy Goosy earns \$405.00 per week and receives a 4.5% raise. What is her new pay?

Fill in the chart below. Round all answers to the nearest tenth.

Deductions	Percent of Gross Pay	Amount (before raise)	Amount (after raise)
Federal Income Tax:	21.6%		
State Income Tax:	15.4%		
Social Security:	7.1%		
Health Insurance:	2.4%		
Total			