

Name _____

Period _____

Algebra 8: Percents Unit Day 2

Percent Change Definition

Percent Change Ratio

Percent _____ describes an amount that has _____.

Percent _____ describes an amount that has been _____.

Find the percent increase or decrease.

From 25 to 49

From 50 to 45

From 25 to 30

Discount Definition

Discount Process

Admission to the museum is \$8 and students receive a 15% discount. How much do the students pay?

A \$220 bicycle was on sale for 60% off. Find the sale price.

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Markup Definition

Markup Process

Caleb buys necklaces at a wholesale cost of \$48 each. He then marks up the price by 75% and sells the necklaces. What is the selling price?

At Target a video games has a 70% markup. The wholesale cost is \$9. What is the selling price?

Practice on your own.

Find each percent change.

25 to 45

10 to 8

400 to 300

16 to 18

40 to 50

50 to 40

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Golf Galaxy is having a spring sale. Complete the table below to find the sale prices for each item.

Item	Original Price	Percent Discount	Work	Sale Price
Golf Bags	\$175	20%		
Golf Shoes	\$90	15%		
Golf Balls	\$20	12%		
Drivers	\$150	20%		
Putters	\$120	18%		
Golf Gloves	\$30	10%		
Bags of Golf Tees	\$10	5%		
Push Cart	\$180	30%		
Golf Umbrellas	\$40	25%		
Golf Towels	\$15	15%		

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Melissa has decided to open a women's clothing store in her hometown. The table shows the items she will be selling along with the wholesale price she paid for each item and the markup percent she is planning on using. Find the selling price for each item.

Item	Wholesale Price	Percent Markup	Work	Selling Price
Scarves	\$18	80%		
Leggings	\$10	90%		
Sweaters	\$40	120%		
T-shirts	\$15	95%		
Jeans	\$30	150%		
Shorts	\$25	92%		
Dresses	\$45	110%		
Skirts	\$28	90%		
Purses	\$35	130%		

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