

Percent of Change Notes
SOL 8.3 (b)

A percent of change is _____

In what form can a ratio be written? _____

_____ x _____ = % of change

Problem # 1: Zack Cole shot an 86 on the golf course on Monday. On Friday he shot a 95. What is the % of change?

Is the score increasing or decreasing? Circle one

Problem # 2: Kelly Dyer became a great writer. She had a picnic each year to celebrate the date of her first published work. The 1st year 50 people came. The 2nd year 30 people came. What is the percent of change?

Is the number of people increasing or decreasing? Circle one

Problem # 3: Last six weeks Joseph Lawhorn made an 88 average in class. This six weeks he made a 92. Please figure the percent of change.

Is his average increasing or decreasing? Circle one

Problem # 4: Angela Smyre became a famous architect. She made \$90,000 in 2004. In 2005 she made \$120,000. What is the percent of increase?

Problem # 5: Amber Robinson became a foster mother, because she is so good with children. She took care of 8 children in 2003. In 2004 she had only 5. What is the percent of change?

Is the number of children increasing or decreasing? Circle one

Problem # 6: Jonathan Rogers drew 47 planes in 4th period. He drew 28 in 5th period. What is the percent of change?

Problem # 7: Matt Viers bought 42 CD's last year. He bought only 35 this year. (He lost all his money in the stock market) What is the percent of change?

Problem # 8: Lisa LaViers became a great singer. She was so famous she had 12 body guards at one concert. At the next concert she had 15 body guards. What is the percent of change?

Problem # 9: Jessica Summey and Emily Lower were famous mnd wrestlers. They made \$45,000 in 2008. In 2009 they made \$60,000. What is the percent of change?

Problem # 10: Brittany Berrier became a famous doctor. She took out 15 gall bladders on May 15th. She took out 30 on May 18th. What is the % of change?