Quick Check on Percent Change

1) What is the percent change from 100 to 140?

2) Determine the percent change from 40 to 80.

3) Find the percent change from 90 to 45.

4) What is the percent change from 56 to 24?

5) According to school records, the student population of Clarksville Community College was 2500 in 2010. In 2020, the population rose to 3250. What was the percent change in population?

6) Last year, Kent's textbooks cost $150. This year the total price for the same number of textbooks was $240. What is the percent change in this unavoidable expense?

7) Before enrolling, Lois earned $18 per hour as a cashier in the local supermarket. The same position in the college's cafeteria pays only $15 per hour. What is the percent decrease in her hourly rate?

8) Last semester, there were 40 students in Jimmy's Journalism course. Administration states that enrollment has increased by 15%. If this increase affects Jimmy's course this semester, how many students will possibly be in his class?

9) Lana's GPA was 3.6 in her first semester at Lane University. The dean's office predicts a 25% decrease in GPA by the final semester. If this is true, what is Lana's predicted GPA in her final semester?

10) During Luther's science lab, the temperature of his sample dropped to 18°C. If this was an anticipated 10% percent decrease in temperature, what was the initial temperature?

Your Answers:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Think you've got this? Score yourself by comparing your answers with the correct answers!

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