

9.4 Percent Change

Name: _____

Directions: 1 - 3: Find the percent change. Label as increase or decrease.

1)
Original: 13
New: 18

2)
Original: 84
New: 20

3)
Original: 60
New: 150

Directions: Find the percent change. Label as increase or decrease. Round to the nearest tenth.

4) Clark Kent averaged 800 words per article that he wrote for the Daily Planet last month. This month he's averaging 650 words per article. Describe the change in words per article.

5) Wile Coyote failed to capture the Roadrunner 14 times last year. This year he really buckled down and failed to capture him 25 times. Describe the change in number of times he failed from last year to this year.

6) Haribo makes Gummy Bears. When they first came to make them in America one package of Gummy Bears had 13 grams of sugar. The American public did not like them very much so they changed them. Now Gummy Bears have 28 grams of sugar in them. Describe the change in grams of sugar.

7) Last year 65 girls tried out for the high school basketball team. This year 28 girls tried out for the team. Describe the change in number of girls trying out for the team from last year to this year.

8) Brust had been benching about 75 pounds. After taking some protein powder he can now bench 95 pounds. Describe the change in pounds he can bench.

He decides to quit taking the protein powder and so he goes from benching 95 pounds back to 75 pounds. Describe the change in pounds he can bench.

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Corrective Assignment Answers

- 1) 38.5% increase
- 2) 76.2% decrease
- 3) 60% increase
- 4) 18.8% decrease
- 5) 78.6% increase
- 6) 115.4% increase
- 7) 56.9% decrease
- 8) 26.7% increase; 21.1% decrease