Name:

Date:

Percent of Change Word Problems

Solve each Percent of Change word problem.

1) A shirt was originally priced at $\$48$. It went on sale for $\$38$. What was the percent that the shirt was discounted?

2) A store was selling a jacket for $\$180$. The store decided to change the price to $\$189$. What was the percent change of the price?

3) An air turbine decreases its rotational speed from 5 rpm (rotation per minutes) to 2 rpm. Calculate the percent change of speed.

4) Amber got a raise, and her hourly wage increased from $\$8$ to $\$9.50$. What is the percent increase?

5) In a class, students' strength has been increased from 20 to 30. What percent of strength is increased?

6) Sara monthly salary is revised from $\$2500$ to $\$2800$. What percentage is the salary increased?

7) The number of students in a chess club decreased from 18 to 12. What is the percent decrease?

8) In a class, the number of students has been increased from 6 to 18. What is the percent increase?

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QUIZ ?

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Name:

Date:

Percent of Change Word Problems

Answers

Solve each Percent of Change word problem.

1) A shirt was originally priced at $48. It went on sale for $38. What was the percent that the shirt was discounted?
20.83%

2) A store was selling a jacket for $180. The store decided to change the price to $189. What was the percent change of the price?
5%

3) An air turbine decreases its rotational speed from 5 rpm (rotation per minutes) to 2 rpm. Calculate the percent change of speed.
60%

4) Amber got a raise, and her hourly wage increased from $8 to $9.50. What is the percent increase?
18.75%

5) In a class, students' strength has been increased from 20 to 30. What percent of strength is increased?
50%

6) Sara monthly salary is revised from $2500 to $2800. What percentage is the salary increased?
12%

7) The number of students in a chess club decreased from 18 to 12. What is the percent decrease?
33.3%

8) In a class, the number of students has been increased from 6 to 18. What is the percent increase?
200%

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