



Examining Percent Increase and Decrease

Name: _____

Solve each problem.

- 1) Last year a fishing license cost \$52.00. This year the license will cost \$36.40. This is a ____ percent decrease.

- 2) Paul spent 25 minutes on his math homework and 30.5 minutes on his spelling homework. He spent ____ percent more time on his spelling homework.

- 3) Debby's family decided to get rid of their cable TV. Originally they were paying \$103.00 for the TV, internet and phone, but now they're paying \$67.98. What was the percent the bill decreased by?

- 4) Normally a game costs \$35.00. But the new special edition version is going to be \$45.50. This is an increase of ____ percent.

- 5) Last years phone model had a battery that lasted 15 hours. This year the battery only last for 13.5 hours. What was the percent the battery life decreased?

- 6) At a restaurant the bill came to \$91.00. If you leave \$111.02, what percent tip is that?

- 7) In the spring the average score for a division worksheet was 94. But back in the fall the average score was 84.6. The fall score was ____% lower than the spring score.

- 8) Ned used to have \$401.00 in the bank but after a year the amount increased to \$569.42. This was an increase of ____%.

- 9) In February Billy spent 46 hours watching Netflix. In March he only spent 41.4 hours watching. What was the percent decrease in the amount of time he spent watching?

- 10) A store sold 15 dollars worth of gift cards in October. The next month the goal was to sell \$17.4 worth of gift cards. This is an increase of ____ percent.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

**Solve each problem.**

- 1) Last year a fishing license cost \$52.00. This year the license will cost \$36.40. This is a ____ percent decrease.

- 2) Paul spent 25 minutes on his math homework and 30.5 minutes on his spelling homework. He spent ____ percent more time on his spelling homework.

- 3) Debby's family decided to get rid of their cable TV. Originally they were paying \$103.00 for the TV, internet and phone, but now they're paying \$67.98. What was the percent the bill decreased by?

- 4) Normally a game costs \$35.00. But the new special edition version is going to be \$45.50. This is an increase of ____ percent.

- 5) Last years phone model had a battery that lasted 15 hours. This year the battery only last for 13.5 hours. What was the percent the battery life decreased?

- 6) At a restaurant the bill came to \$91.00. If you leave \$111.02, what percent tip is that?

- 7) In the spring the average score for a division worksheet was 94. But back in the fall the average score was 84.6. The fall score was ____% lower than the spring score.

- 8) Ned used to have \$401.00 in the bank but after a year the amount increased to \$569.42. This was an increase of ____%.

- 9) In February Billy spent 46 hours watching Netflix. In March he only spent 41.4 hours watching. What was the percent decrease in the amount of time he spent watching?

- 10) A store sold 15 dollars worth of gift cards in October. The next month the goal was to sell \$17.4 worth of gift cards. This is an increase of ____ percent.

Answers1. **30**2. **22**3. **34**4. **30**5. **10**6. **22**7. **10**8. **42**9. **10**10. **16**



Examining Percent Increase and Decrease

Name: _____

Solve each problem.

22

42

10

16

34

10

22

30

10

30

Answers

- 1) Last year a fishing license cost \$52.00. This year the license will cost \$36.40. This is a ____ percent decrease.
- 2) Paul spent 25 minutes on his math homework and 30.5 minutes on his spelling homework. He spent ____ percent more time on his spelling homework.
- 3) Debby's family decided to get rid of their cable TV. Originally they were paying \$103.00 for the TV, internet and phone, but now they're paying \$67.98. What was the percent the bill decreased by?
- 4) Normally a game costs \$35.00. But the new special edition version is going to be \$45.50. This is an increase of ____ percent.
- 5) Last years phone model had a battery that lasted 15 hours. This year the battery only last for 13.5 hours. What was the percent the battery life decreased?
- 6) At a restaurant the bill came to \$91.00. If you leave \$111.02, what percent tip is that?
- 7) In the spring the average score for a division worksheet was 94. But back in the fall the average score was 84.6. The fall score was ____ % lower than the spring score.
- 8) Ned used to have \$401.00 in the bank but after a year the amount increased to \$569.42. This was an increase of ____ %.
- 9) In February Billy spent 46 hours watching Netflix. In March he only spent 41.4 hours watching. What was the percent decrease in the amount of time he spent watching?
- 10) A store sold 15 dollars worth of gift cards in October. The next month the goal was to sell \$17.4 worth of gift cards. This is an increase of ____ percent.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____