

**Solve each problem.****Answers**

- 1) It used to take Maria 8 minutes to do 20 multiplication problems. Now she can do the same page in 11.68 minutes. She is now _____ percent faster.
- 2) Paige used to live 11 kilometers away from the school, but after she moved she now lives 7.7 kilometers away. She is _____ percent closer to the school.
- 3) Last year a fishing license cost \$52. This year the license will cost \$26. This is a _____ percent decrease.
- 4) Normally a game costs \$35. But the new special edition version is going to be \$52.5. This is an increase of _____ percent.
- 5) Last years phone model had a battery that lasted 14 hours. This year the battery only last for 10.08 hours. What was the percent the battery life decreased?
- 6) Haley's family decided to get rid of their cable TV. Originally they were paying \$147 for the TV, internet and phone, but now they're paying \$132.3. What was the percent the bill decreased by?
- 7) A game normally cost \$50, but Debby used a coupon and got the game for \$38. The coupon was for _____ percent off.
- 8) Victor used to have \$499 in the bank but after a year the amount increased to \$568.86. This was an increase of _____%.
- 9) A library normally collected \$43 in fees a month. But in March they collected \$61.92. What is the percent increase in the number of fees collected in March?
- 10) A store sold 12 dollars worth of gift cards in October. The next month the goal was to sell \$15.84 worth of gift cards. This is an increase of _____ percent.

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



Solve each problem.

Answers

- | | |
|---|---------------|
| 1) It used to take Maria 8 minutes to do 20 multiplication problems. Now she can do the same page in 11.68 minutes. She is now _____ percent faster. | 1. <u>46</u> |
| 2) Paige used to live 11 kilometers away from the school, but after she moved she now lives 7.7 kilometers away. She is _____ percent closer to the school. | 2. <u>30</u> |
| 3) Last year a fishing license cost \$52. This year the license will cost \$26. This is a _____ percent decrease. | 3. <u>50</u> |
| 4) Normally a game costs \$35. But the new special edition version is going to be \$52.5. This is an increase of _____ percent. | 4. <u>50</u> |
| 5) Last year's phone model had a battery that lasted 14 hours. This year the battery only last for 10.08 hours. What was the percent the battery life decreased? | 5. <u>28</u> |
| 6) Haley's family decided to get rid of their cable TV. Originally they were paying \$147 for the TV, internet and phone, but now they're paying \$132.3. What was the percent the bill decreased by? | 6. <u>10</u> |
| 7) A game normally cost \$50, but Debby used a coupon and got the game for \$38. The coupon was for _____ percent off. | 7. <u>24</u> |
| 8) Victor used to have \$499 in the bank but after a year the amount increased to \$568.86. This was an increase of _____%. | 8. <u>14</u> |
| 9) A library normally collected \$43 in fees a month. But in March they collected \$61.92. What is the percent increase in the number of fees collected in March? | 9. <u>44</u> |
| 10) A store sold 12 dollars worth of gift cards in October. The next month the goal was to sell \$15.84 worth of gift cards. This is an increase of _____ percent. | 10. <u>32</u> |



Solve each problem.

44

30

46

50

32

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28

14

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24

Answers

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