



Solve each problem.

- 1) Last year a fishing license cost \$52.00. This year the license will cost \$41.60. This is a \_\_\_\_ percent decrease.
  
- 2) It used to take Emily 5 minutes to do 20 multiplication problems. Now she can do the same page in 5.6 minutes. She is now \_\_\_\_ percent faster.
  
- 3) Debby's family decided to get rid of their cable TV. Originally they were paying \$95.00 for the TV, internet and phone, but now they're paying \$57.00. What was the percent the bill decreased by?
  
- 4) The price for internet on a phone was \$7.00 a month, but starting in November the price will be \$8.96 a month. This is a \_\_\_\_ % increase.
  
- 5) Last month Mike spent 52.00 dollars on games. This month he only spent \$46.80. He spent \_\_\_\_ percent less this month.
  
- 6) Frank used to have \$422.00 in the bank but after a year the amount increased to \$464.20. This was an increase of \_\_\_\_ %.
  
- 7) Paige used to live 15 kilometers away from the school, but after she moved she now lives 13.5 kilometers away. She is \_\_\_\_ percent closer to the school.
  
- 8) A library normally collected \$47.00 in fees a month. But in March they collected \$63.92. What is the percent increase in the number of fees collected in March?
  
- 9) A large soda is 298 calories and a small soda is 202.64 calories. The small soda has \_\_\_\_ percent fewer calories.
  
- 10) Normally a game costs \$39.00. But the new special edition version is going to be \$56.16. This is an increase of \_\_\_\_ percent.

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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**Answers**

1. **20**
2. **12**
3. **40**
4. **28**
5. **10**
6. **10**
7. **10**
8. **36**
9. **32**
10. **44**



## Examining Percent Increase and Decrease

Name: \_\_\_\_\_

Solve each problem.

12

28

32

36

20

44

10

10

40

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1. \_\_\_\_\_
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5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_