| | Examining Percent Increase and Decrease Name: | | | | | | | | | |
|---------------------|---|---------|--|--|--|--|--|--|--|--|
| Solve each problem. | | | | | | | | | | |
| 1) | Edward spent 29 minutes on his math homework and 37.12 minutes on his spelling homework. He spent percent more time on his spelling homework. | 1 | | | | | | | | |
| 2) | Normally a chef uses 12 ounces of chocolate to make chocolate chip cookies. But he started using 13.68 ounces instead. He should advertise the cookies as having | 2 3 | | | | | | | | |
| 3) | A game normally cost \$54, but Gwen used a coupon and got the game for \$35.64. The coupon was for percent off. | 4 5 | | | | | | | | |
| 4) | In the spring the average score for a division worksheet was 87. But back in the fall the average score was 67.86. The fall score was% lower than the spring score. | 6. 7. | | | | | | | | |
| 5) | The price for internet on a phone was \$9 a month, but starting in November the price will be \$12.06 a month. This is a% increase. | 8 9 | | | | | | | | |
| 6) | Last year a fishing license cost \$56. This year the license will cost \$40.32. This is a percent decrease. | 10 | | | | | | | | |
| 7) | A small fruit smoothie is 18 ounces while a large fruit smoothie is 24.12 ounces. The large fruit smoothie is% larger. | | | | | | | | | |
| 8) | Last month John spent 66 dollars on games. This month he only spent \$44.88. He spent percent less this month. | | | | | | | | | |
| 9) | Normally a game costs \$38. But the new special edition version is going to be \$52.44. This is an increase of percent. | | | | | | | | | |
| 10) | A store normally averaged 165 customers a day. But on the weekends they averaged 99 customers a day. What is the percent decrease in the number of customers? | | | | | | | | | |
| | | 1 | | | | | | | | |

Math

I

| | Examining Percent Increase and Decrease Name: Ar | iswe | r Kev |
|------|--|-----------|----------|
| Solv | | Answers | |
| 1) | Edward spent 29 minutes on his math homework and 37.12 minutes on his spelling homework. He spent percent more time on his spelling homework. | 1 | 28 |
| | | 2 | 14 |
| 2) | Normally a chef uses 12 ounces of chocolate to make chocolate chip cookies. But he started using 13.68 ounces instead. He should advertise the cookies as having | 3 | 34 |
| | percent more chocolate. | | 22 |
| 3) | A game normally cost \$54, but Gwen used a coupon and got the game for \$35.64. The coupon was for percent off. | 4. – 5 | 34 |
| | | | 20 |
| 4) | In the spring the average score for a division worksheet was 87. But back in the fall the | 6. | <u> </u> |
| | average score was 67.86. The fall score was% lower than the spring score. | 7 | 34 |
| | | 8 | 32 |
| 5) | The price for internet on a phone was \$9 a month, but starting in November the price will be \$12.06 a month. This is a% increase. | 9 | 38 |
| | | 10 | 40 |
| 6) | Last year a fishing license cost \$56. This year the license will cost \$40.32. This is a percent decrease. | 10 | |
| 7) | A small fruit smoothie is 18 ounces while a large fruit smoothie is 24.12 ounces. The large fruit smoothie is% larger. | | |
| 8) | Last month John spent 66 dollars on games. This month he only spent \$44.88. He spent percent less this month. | | |
| 9) | Normally a game costs \$38. But the new special edition version is going to be \$52.44. This is an increase of percent. | | |
| 10) | A store normally averaged 165 customers a day. But on the weekends they averaged 99 customers a day. What is the percent decrease in the number of customers? | | |
| | | | |

| | | Examining Pe | rcent Increase | and Decrease | Name: | | |
|-----------|---|--|--|--|-------------------------------|--------|---------|
| Solv | e each problem | • | | | | | Answers |
| \square | 28 | 40 | 34 | 38 | 34 | | |
| | 34 | 32 | 28 | 22 | 14 | 1. | |
| 1) | Edward spent 2 homework. He | 9 minutes on his n spent perce | nath homework an nt more time on h | nd 37.12 minutes on his spelling homewor | his spelling k. | 2 | |
| 2) | Normally a che started using 13 percent more cl | f uses 12 ounces o 3.68 ounces instead hocolate. | f chocolate to ma l. He should adve | ke chocolate chip co rtise the cookies as h | okies. But he naving | 4 | |
| 3) | A game normal coupon was for | lly cost \$54, but G | wen used a coupo | n and got the game | for \$35.64. The | 6. | |
| 4) | In the spring th average score v | e average score for vas 67.86. The fall | a division works | wheet was 87. But back % lower than the spr | ck in the fall the ing score. | 7 8 | |
| 5) | The price for in be \$12.06 a mo | nternet on a phone on the state of the state | was \$9 a month, l _% increase. | out starting in Nover | nber the price will | 9. – | |
| 6) | Last year a fish percent decreas | ing license cost \$5 e. | 6. This year the li | icense will cost \$40. | 32. This is a | | |
| 7) | A small fruit sn fruit smoothie i | noothie is 18 ounce s% larger. | es while a large fi | ruit smoothie is 24.1 | 2 ounces. The large | | |
| 8) | Last month Joh percent l | n spent 66 dollars less this month. | on games. This m | onth he only spent \$ | 644.88. He spent | | |
| 9) | Normally a gan is an increase o | ne costs \$38. But t f percent. | he new special ed | ition version is goin | g to be \$52.44. This | | |
| 10) | A store normall customers a day | ly averaged 165 cu y. What is the perc | stomers a day. Bu | ut on the weekends t e number of custom | hey averaged 99 ers? | | |