| | Perce | ent Word Problems a | s Decimal Expression | s Name: | | | |
|---|---|---------------------------|----------------------|----------------|----|--|--|
| Percent Word Problems as Decimal ExpressionsName:Determine which expression is the correct answer.Name: | | | | | | | |
| 1) | This years model o represent by w. Wh | 1 | | | | | |
| | A. w ÷ 1.08 | B. $w \times 0.08$ | C. w - 0.08 | D. w - 1.08 | 2 | | |
| 2) | A sandwich shop w \$3.91. Which expre | price 5% making them cost | 3 | | | | |
| | A. 3.72 + 1.05 | B. 3.72×0.05 | C. 3.72 + 0.05 | D. 3.72 × 1.05 | 4 | | |
| 3) | While clearing out expression can be u | of any item(i). Which | 5 | | | | |
| | A. i × 0.25 | B. i - 1.25 | C. i - 0.25i | D. i - 0.25 | 6 | | |
| 4) | A cell phone companies new price of the ph | nich expression shows the | 7 | | | | |
| | A. p - 1.09 | B. p - 0.09 | C. p - 0.09p | D. p × 0.09 | 8 | | |
| 5) | A mall kiosk needed to buy 30 new cell phone cases at z dollars a piece. Because they were buying so many they got 11% off the price. Which expression shows how much money they saved? | | | | | | |
| | A. 0.11 × 30z | B. 30z + 1.11 | C. 30z - 0.11 | D. 30z + 0.11 | 10 | | |
| 6) | Joe was earning \$6 Which expression s | | | | | | |
| | A. 6 + 0.05 | B. 6 × 1.05 | C. 6 × 0.05 | D. 6 + 1.05 | | | |
| 7) | Over the summer g gas? (the old price | | | | | | |
| | A. $g \times 0.02$ | B. g - 0.02g | C. g - 1.02 | D. g - 0.02 | | | |
| 8) | The regular price o percent off. Which | | | | | | |
| | A. $n \times 0.2$ | B. n - 1.2 | C. n - 20 | D. n - 0.2 | | | |
| 9) | John drew a square with each side being exactly 7 centimeters long. If he wanted to make the square 8% larger which expression can he use to find the new sides length? | | | | | | |
| | A. 7 + 0.08 | B. 7 + 1.08 | C. 7 × 0.08 | D. 7 × 1.08 | | | |
| 10) | A house was on sell for \$30,783. If you wanted to offer 14% less than the asking price(p) which expression shows how much you should offer? | | | | | | |
| | A. p - 0.14p | B. p - 1.14 | C. p × 0.14 | D. p - 0.14 | | | |

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| | Perce | ent Word Problems a | s Decimal Expression | s Name: Answe | r Kev | | |
|---|---|---------------------------|----------------------|----------------|--------------|--|--|
| Determine which expression is the correct answer. | | | | | | | |
| 1) | This years model o represent by w. Wh | 1. A | | | | | |
| | A. w ÷ 1.08 | B. w \times 0.08 | C. w - 0.08 | D. w - 1.08 | 2. D | | |
| 2) | A sandwich shop w \$3.91. Which expre | price 5% making them cost | 3. C | | | | |
| | A. 3.72 + 1.05 | B. 3.72 × 0.05 | C. 3.72 + 0.05 | D. 3.72 × 1.05 | 4. C | | |
| 3) | While clearing out expression can be u | 5. <u>A</u> | | | | | |
| | A. i × 0.25 | B. i - 1.25 | C. i - 0.25i | D. i - 0.25 | 6. B | | |
| 4) | A cell phone company dropped the prices on their phones by 9%. Which expression shows the new price of the phones(p)? | | | | | | |
| | A. p - 1.09 | B. p - 0.09 | C. p - 0.09p | D. p × 0.09 | 8. A | | |
| 5) | A mall kiosk needed to buy 30 new cell phone cases at z dollars a piece. Because they were buying so many they got 11% off the price. Which expression shows how much money they saved? | | | | | | |
| | A. 0.11 × 30z | B. 30z + 1.11 | C. 30z - 0.11 | D. 30z + 0.11 | 10. <u>A</u> | | |
| 6) | Joe was earning \$6 Which expression s | s making \$6.3 an hour. | | | | | |
| | A. 6 + 0.05 | B. 6 × 1.05 | C. 6 × 0.05 | D. 6 + 1.05 | | | |
| 7) | Over the summer g gas? (the old price : | | | | | | |
| | A. $g \times 0.02$ | B. g - 0.02g | C. g - 1.02 | D. g - 0.02 | | | |
| 8) | The regular price of a computer was 771 dollars, but over the weekend it'll be on sale for for 20 percent off. Which expression shows the difference in price from normal(n) to sale? | | | | | | |
| | A. $n \times 0.2$ | B. n - 1.2 | C. n - 20 | D. n - 0.2 | | | |
| 9) | John drew a square with each side being exactly 7 centimeters long. If he wanted to make the square 8% larger which expression can he use to find the new sides length? | | | | | | |
| | A. 7 + 0.08 | B. 7 + 1.08 | C. 7 × 0.08 | D. 7 × 1.08 | | | |
| 10) | A house was on sel expression shows h | | | | | | |
| | A. p - 0.14p | B. p - 1.14 | C. p × 0.14 | D. p - 0.14 | | | |
| | | | | | | | |