Percent Practice

1. What is 37.5% as a fraction?

2. The regular price of a video game is $59.95. This week it is on sale for 15% off. What does the game cost this week (before taxes)?

3. A salesperson receives a weekly base salary of $400 plus a commission of 16% on all sales. Last week she had sales totalling $1,025. What was her total salary (weekly base salary + commission) for the week?

4. About 0.2% of a community’s total population of 8 000 missed the annual fair. About how many people missed the fair?

5. Melissa had 54 questions wrong on her exam that had 150 questions. Each question was worth 1 mark. What was her mark written as a percent?

6. Sam has a mass of 80 kg. His body contains 0.36 kg of potassium. What percent of Sam’s body is potassium?

7. What is 5/16 as a percent?

8. In an elementary school with 400 students, 22% had their photographs retaken. How many students had photo retakes?

9. The suggested retail price of a football is $65.00. During a sale, the football was on sale at 15% off the regular price. What was the sale price of the football?

10. What is 37.25% as a decimal?

11. Madison set up 240 chairs in the village hall for a concert. The attendance was 120% of what was expected. How many villagers attended the concert?

12. What is 0.005 expressed as a percent?

13. Matt had 50 questions correct on a Percents Chapter Test that had 144 one mark questions. What was his mark written as a percentage?

14. What is 160% of 90?

Convert to a percent:

15.) 0.057 = \_\_\_\_\_\_\_\_ % 16.) 0.004 = \_\_\_\_\_\_\_\_ % 17.) 15 = \_\_\_\_\_\_\_\_ %

Convert to a decimal:

18.) 7% = \_\_\_\_\_\_\_\_ 19.) 125.5% = \_\_\_\_\_\_\_\_ 20.) 0.75% = \_\_\_\_\_\_\_\_

Answers:

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| --- | --- | --- | --- | --- |
| 1. 3/8 | 1. $ 50.96 | 1. $564.00 | 1. 16 | 1. 64 % |
| 1. 0.45 % | 1. 31.25 % | 1. 88 | 1. $ 55.25 | 1. 0.3725 |
| 1. 288 | 1. 0.5 % | 1. 35 % | 1. 144 | 1. 5.7 |
| 1. 0.4 | 1. 1500 | 1. 0.07 | 1. 1.255 | 1. 0.0075 |