

Week 8 - Percents**Write each as a decimal. Round to the thousandths place.**

1) 10%

2) 71.9%

3) 277%

4) 40%

Solve each problem.

5) 66 is what percent of 120?

6) 8 is what percent of 52?

7) What percent of 73 is 68?

8) What percent of 36 is 26?

9) 58 is what percent of 65?

10) 67% of 131 is what?

11) What is 240% of 59?

12) 80% of 47 is what?

13) 42% of 146 is what?

14) What is 37% of 116?

15) 42% of what is 120.5?

16) 9 is 360% of what?

17) 54% of what is 61?

18) 156.5 is 44% of what?

19) 149 is 370% of what?

Find the selling price of each item.

20) Cost of a microscope: \$139.50
Markup: 37%

21) Cost of a telescope: \$449.95
Markup: 30%

22) Original price of a comic book: \$1.99
Discount: 25%

23) Original price of a comic book: \$2.95
Discount: 16%

Answers to Week 8 - Percents

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|--------------|------------|------------|--------------|
| 1) 0.1 | 2) 0.719 | 3) 2.77 | 4) 0.4 |
| 5) 55% | 6) 15.4% | 7) 93.2% | 8) 72.2% |
| 9) 89.2% | 10) 87.8 | 11) 141.6 | 12) 37.6 |
| 13) 61.3 | 14) 42.9 | 15) 286.9 | 16) 2.5 |
| 17) 113 | 18) 355.7 | 19) 40.3 | 20) \$191.12 |
| 21) \$584.94 | 22) \$1.49 | 23) \$2.48 | |