

Learn Math Fast System

Name _____ Date _____

VOLUME II: WORKSHEET 66

1. How much is 10% of 990?
2. A particular cell phone costs \$150. On Saturday it will cost 10% less. How much will that cell phone cost on Saturday?
3. I bought 20 pounds of potatoes. If I use my club card I can get 10% more potatoes free. How many pounds of potatoes will I get if I use my club card?
4. I gave a hair stylist a tip. The tip was 10% of the cost of the haircut. The haircut cost \$15.00. How much was the tip?
5. I got 40 pieces of candy on Halloween. My sister got 10% more than I did. How many pieces of candy did my sister get?
6. How much is 10% of 1 million?
7. Karen took a driving test with 50 questions. She needs to get 90% on the test to pass. She answered 4 questions wrong. Did she pass?
8. There were 850 people at the concert, 10% of them got in free. How many people paid to go to the concert?
9. A small box holds 30 ounces of candy. The next size bigger holds 10% more candy. How much candy can the bigger box hold?
10. Bob makes \$2500 a month. Fred doesn't make that much money, he earns only 90% of the amount Bob makes. How much money does Fred earn in one month?

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ANSWERS TO VOLUME II WORKSHEET 66

1. How much is 10% of 990? $990 \times .10 = \mathbf{99}$

2. A particular cell phone costs \$150. On Saturday it will cost 10% less. How much will the cell phone cost on Saturday?

$$150 \times .10 = 15$$

$$150 - 15 = 135$$

The cell phone will cost \$135.00 on Saturday.

3. I bought 20 pounds of potatoes. If I use my club card I can get 10% more potatoes free. How many pounds of potatoes will I get if I use my club card?

$$20 \times .10 = 2 \quad 20 + 2 = 22$$

Using my club card will give me 22 pounds of potatoes.

4. I gave a hair stylist a tip. The tip was 10% of the cost of the haircut. The haircut cost \$15.00. How much was the tip?

$$15 \times .10 = 1.50$$

The tip was \$1.50

5. I got 40 pieces of candy on Halloween. My sister got 10% more than I did. How many pieces of candy did my sister get?

$$40 \times .10 = 4 \quad 40 + 4 = 44$$

She has 44 pieces.

6. How much is 10% of 1 million?

$$1,000,000 \times .10 = \mathbf{100,000}$$

7. Karen took a driving test with 50 questions. She needs to get 90% right on the test to pass. She answered 4 questions wrong. Did she pass?

If she needs 90% correct then she can get 10% incorrect. $50 \times 10\% = 5$

She can have 5 incorrect answers and still pass. She only answered 4 questions wrong so **she passed.**

8. There were 850 people at the concert, 10% of them got in free. How many people paid to go to the concert?

$$850 \times .10 = 85$$

$$850 - 85 = 765$$

$$850 - 85 = 765$$

765 people paid

9. A small box holds 30 ounces of candy. The next size bigger holds 10% more candy. How much candy can the bigger box hold?

$$30 \times .10 = 3 \quad \mathbf{\text{The bigger box holds 33 ounces.}}$$

10. Bob makes \$2500 a month. Fred doesn't make that much money, he earns only 90% of the amount Bob makes. How much money does Fred earn in one month?

Fred makes

$$10\% \text{ less than Bob. } 2500 \times .10 = 250$$

$$2500 - 250 = 2250 \quad \text{Fred makes } \$2250/\text{month}$$