

MATH 3/4: ASSIGNMENT 7

MARCH 7, 2010

1. What is

$$\frac{3}{4} \text{ of } 36 = \quad \frac{1}{4} \text{ of } 100 = \quad \frac{3}{5} \text{ of } 25 = \quad \frac{2}{5} \text{ of } 200 =$$

2. Find x is

$$\frac{5}{7} \text{ of } x = 45 \quad \frac{7}{11} \text{ of } x = 56 \quad \frac{6}{13} \text{ of } x = 24 \quad \frac{3}{8} \text{ of } x = 39$$

3. Mrs. Weatherby baked 175 cookies for a party. The children ate $\frac{4}{7}$ of the cookies. The adults ate 48 cookies. How many cookies were left?
4. John saved some money last month. He used $\frac{3}{8}$ of his savings to buy a new game. The game costs \$27. How much did John save last month?
5. Ben bought 5 pounds of rice. After a week, he found that he had used up $\frac{7}{10}$ of the rice. How much rice did he use in the week? Give the answer in pounds.
6. You fell ill and consulted a doctor. The doctor gave you ten pills and told you to take one every half an hour. How many hours would the pills last?
7. Jack bought some lemons from the grocery store. She used $\frac{1}{3}$ to make lemonade. He then gave 10 lemons to his sister. After that he still had 14 lemons left. How many lemons did Jack buy?
8. Simon has 48 crystal beads. One sixth of the crystal beads are red, one quarter of the remaining beads are blue and the rest are green. How many green crystal beads does Simon have? What fraction of the total number of crystal beads are green?