

Math 4b. Homework 22.

1. Find:

- a. 1% from 100
- b. 7% from 200
- c. 100% from 49
- d. 1% from 300
- e. 20% from 15
- f. 120% from 250
- g. 5% from 50
- h. 25% from 48
- i. 200% from 300

2. Find a number, if

- a. 1% of it is 2;
- b. 10% of it is 12;
- c. 15% is 150;
- d. 3% of it is 0.24;
- e. 200% of it is 400;
- f. 100% of it is 0.1;
- g. 50% of it is 1;
- h. 25% of it is 30;

3. 15% of the participant of math Olympiad solved 1 problem, 25% of the participant solved 2 problems, and the rest 24 students solved all three problems. How many students did participate in the math Olympiad?

4. Mary spent 15% of his money and 1.5 dollars on a doughnut and $\frac{3}{5}$ of his money and 30 cents on ice-cream. How much money did she have?

5. After walking $\frac{1}{3}$ the length of the bridge, the donkey Eeyore noticed a car approaching at a speed of 60 km/h. If the donkey runs back, he will meet the car at the beginning of the bridge; if he runs forward, the car will catch up with him at the end of the bridge. What is the speed of the donkey Eeyore?

6. Bronze is an alloy of tin and copper. (Tin and copper are metals; they are melted together to get an alloy which is called bronze). How much copper and how much tin are there in the 80 kg piece of bronze, if the ratio of tin to copper in bronze is 3 to 17?

