

Homework 27.



1. Write decimals as fractions, reduce (simplify) fraction if possible:

0.24; 2.4, 2.45; 0.245

2. Write fractions as decimals:

$\frac{2}{5}$; $\frac{3}{2}$; $\frac{9}{4}$; $4\frac{4}{25}$;

3. Which fraction can be written as finite decimals?

$\frac{3}{5}$; $\frac{3}{4}$; $\frac{3}{3}$; $\frac{7}{9}$; $\frac{3}{10}$; $\frac{2}{15}$;

4. Evaluate:

a. $0.5 + \frac{1}{3}$; b. $2.82 + \frac{2}{5}$; c. $\frac{5}{6} - 0.5$; d. $1.78 - \frac{3}{4}$;

5. Alice has a parrot, a canary, and a goldfinch. Today, the parrot and canary together ate 29.9 g of bird food, while the canary and goldfinch together ate 25.1 g of food. However, all three of them together ate 45.6 g of bird food. How much food did each of them consume?
6. There are 30,250 people in the town, and 24% of the town's inhabitants voted in the mayoral election. How many people voted?
7. 247 people voted in the elections in a village, which is 38% of the village's registered voters. If 40% of the villagers are registered as voters, how many inhabitants are in the village?