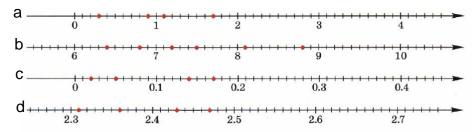school
nova

1. Write in decimal notation the following fractions:
   Example:

$$1\frac{3}{25} = 1 + \frac{3}{25} = 1 + \frac{3 \cdot 4}{25 \cdot 4} = 1 + \frac{12}{100} = 1.12$$

$$1\frac{1}{10};\ 2\frac{4}{10};\ 4\frac{9}{10};\ 24\frac{25}{100};\ 98\frac{3}{100};\ 1\frac{1}{100};\ 4\frac{333}{1000};\ 8\frac{45}{1000};\ 75\frac{8}{10000};\ 9\frac{565}{10000}$$

2. Which numbers are marked on the number lines below:

3. Evaluate:
   a. $12.3 \cdot 10$;   b. $123.2 \cdot 100$;   c. $2.136 \cdot 10$;   d. $371.124 \cdot 100$;
   e. $12.3 : 10$;   f. $123.2 : 100$;   g. $2.136 : 10$;   h. $371.124 : 100$;

4. Evaluate:
   a. $231.432 + 187.238$;   b. $981.2 + 201.004$; $186.2 - 27.05$;

5. The book costs \$160 dollars and $\frac{1}{3}$ of the price of the book. What is the price of the book?

6. A boy has as many brothers as sisters, but his sister has twice less sisters than brothers. How many girls and how many boys are in this family?

7. What is the last digit of the product: $7 \cdot 9 \cdot 11 \cdot \ldots \cdot 97 \cdot 99$?

8. The sum of two numbers is 209. The first number ends with 0. If we cross out this 0 in the first number, we will get the second number. What are the numbers?

74(A). Сумма двух чисел равна 209. Одно из них заканчивается нулем. Если этот нуль зачеркнуть, то получится второе число. Найти эти числа.