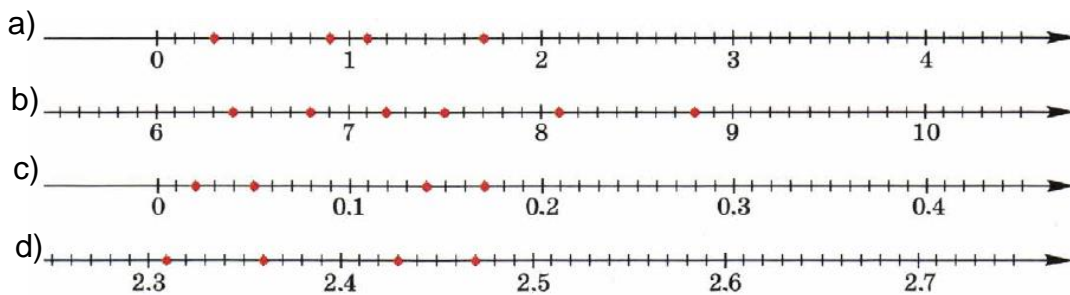


1. Write in decimal notation the following fractions:

a. $\frac{9}{10}$; $\frac{24}{100}$; $\frac{375}{1000}$; $\frac{29}{100}$; $\frac{47}{1000}$; $\frac{7}{10}$; $\frac{999}{1000}$; $\frac{99}{100}$

b. $\frac{1}{2}$; $\frac{3}{4}$; $\frac{2}{5}$; $\frac{7}{20}$; $\frac{18}{25}$; $\frac{23}{50}$

1. Which numbers are marked on the number lines below?



2. Compare:

0.756	0.76;	0.12345	0.0102030405;
3.4208	3.4028;	0.32032032	0.321;
4.0986	4.1;	2.57043566	2.57034566666;
12.576	9.99999;	7.77777777	7.77777777;

3. Fill empty spaces with missing digits to get the right expressions:

a)
$$\begin{array}{r} \square 7 . \square 6 \square \\ + 5 . 9 0 0 \\ \hline 3 \square . 4 \square 4 \end{array}$$

b)
$$\begin{array}{r} \square 4 . 7 \square 1 \\ - 1 \square . 2 8 \square \\ \hline 2 1 . \square 7 1 \end{array}$$

c)
$$\begin{array}{r} 3 . \square 5 \square 8 2 \\ + \square . 2 \square 7 4 \square \\ \hline 4 . 0 2 9 \square 2 \end{array}$$

d)
$$\begin{array}{r} 1 \square . 2 \square 3 0 \square \\ - 8 . 0 5 \square 2 7 \\ \hline 6 . \square 2 5 \square 3 \end{array}$$

4. Write decimals as fractions and evaluate the following expressions:

a. $\frac{2}{3} + 0.5$; b. $\frac{1}{3} \cdot 0.9$; c. $\frac{3}{16} \cdot 0.16$

d. $0.6 - \frac{2}{5}$; e. $0.4 : \frac{2}{7}$; f. $\frac{9}{20} : 0.03$

5. There are 4 children in the family. They are 5, 8, 13, and 15 years old and their names are Julia, Peter, Mary and Ellen. What is the age of each of them if one of the girls goes to kindergarten, Julia is older than Peter, and sum of ages of Julia and Mary is divisible by 3?

6. Rebecca wants to decorate the box with a birthday present for her friend Alice with a ribbon as shown in the picture. How long should the ribbon be if 90 cm should be left for the ends and the bow?



7. Fill the empty spaces:

Example: $8 + (-5) = 3$

- a. $8 + \dots = 5$
- b. $15 + \dots = 0$
- c. $(-4) + \dots = -6$
- d. $(-1) + \dots = -1$
- e. $(-10) + \dots = -5$
- f. $8 - \dots = 12$
- g. $-4 - \dots = 4$
- h. $6 - \dots = -2$