

### Homework 13.



1. Compare:

a.  $0.756$      $0.76$ ;

e.  $0.12345$      $0.0102030405$ ;

b.  $3.4208$      $3.4028$ ;

f.  $0.32032032$      $0.321$ ;

c.  $4.0986$      $4.1$ ;

g.  $2.57043566$      $2.570345666666$ ;

d.  $12.576$      $9.99999$ ;

h.  $7.77777777$      $7.77777777$ ;

2. The fourth grade is going on a school trip. Every student had to bring in \$64 for the trip to cover all costs. Unfortunately, 3 students could not participate on the trip. Therefore, every student who went on the trip had to bring in \$4 more so those who did not go could get their money back. How many students went on the trip?

3. Which sign (+, -, ·, ÷) should be placed instead of \* to make the following equalities true statements.

$$\frac{7}{8} * 1\frac{1}{7} = 1$$

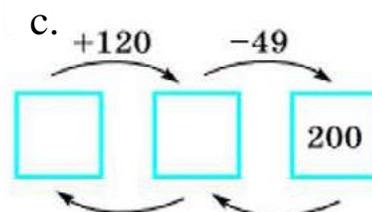
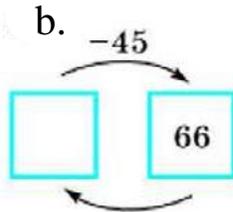
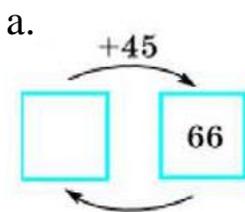
$$\frac{3}{7} * \frac{4}{7} = \frac{3}{4}$$

$$2 * 1\frac{1}{3} = \frac{2}{3}$$

$$\frac{3}{10} * \frac{5}{6} = \frac{1}{4}$$

4. When natural number N is divided by 8, the remainder is 5. What will be the remainder of  $(2 \cdot N)$  upon division by 8?

5. Find missing arithmetic operations and fill the empty square:



6. Teacher wrote a few multiplications problem on a board, replacing digits with \*. Can you restore the problems?


$$\begin{array}{r} \times 72 \\ \hline + 21* \\ \hline *** \end{array}$$
$$\begin{array}{r} \times 45 \\ \hline + 135 \\ \hline ***0 \end{array}$$
$$\begin{array}{r} \times 52 \\ \hline + 2*8 \\ \hline **** \end{array}$$