

4. Rewrite these expression of division as fractions:

Example: $3 \div 5 = \frac{3}{5}$

- $9 \div 5 = 5 \div 11 = 2 \div 6 =$
- 5. Compare:

a)
$$\frac{3}{5} \quad \frac{2}{5}$$
 b) $\frac{3}{5} \quad \frac{3}{8}$ c) $\frac{3}{6} \quad \frac{1}{2}$

d)
$$\frac{1}{5}$$
 $\frac{5}{1}$ e) $\frac{4}{12}$ $\frac{3}{4}$ f) $\frac{2}{11}$ $\frac{1}{12}$

g) $\frac{4}{7}$ $\frac{1}{2}$ h) $\frac{4}{9}$ $\frac{4}{10}$

6. Calculate:

$$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \frac{2}{7} + \frac{1}{7} = \frac{7}{9} - \frac{3}{9} =$$

7. In the school cafeteria, there are 12 tables. There are 10 seats at each table. At lunch time $\frac{4}{5}$ of all seats were occupied by students. How many students were in the cafeteria during the lunch?

8. I have 30 pencils. During my math class, I distributed 10 pencils to students who forgot to bring theirs, what fraction of my pencil I distributed?

If I have 15 students in my class, what fraction of students forgot their pencils?

9. Split each section of the second rectangle into 2 and find the fraction of small squares that is equivalent to the fraction of squares in the first figure



11. Write an equation for the following problems:

- **a.** 3 packages of cookies cost *a* dollars. How many dollars do 5 of the same packages cost?
- **b.** 5 bottles of juice cost *b* dollars. How many bottles can one buy with *c* dollars?