

Translating Expressions

I. Learning Objectives

- Cognitive:** Translate expressions such as $\frac{1}{2}$ of $\frac{2}{3}$, $\frac{2}{3}$ of $\frac{1}{6}$ to mathematical sentences
Psychomotor: Illustrate expressions using shaded regions
Affective: Show resourcefulness in doing one's project

II. Learning Content

- Skills:** 1. Translating expressions such as $\frac{1}{2}$ of $\frac{2}{3}$, $\frac{2}{3}$ of $\frac{1}{6}$
2. Multiplying a fraction by another fraction
References: BEC-PELC II E 1.2.1 & E 2
Materials: flash cards, cutouts of fractions, learning activity sheet, chart showing illustrations
Value: Resourcefulness

III. Learning Experiences

A. Preparatory Activities

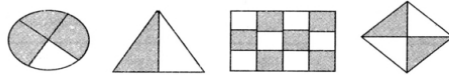
1. Drill

Contest on basic multiplication facts using flash cards.

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

2. Review

Naming fractions
Give the fraction for the shaded part.



3. Motivation

Get $\frac{1}{2}$ sheet of Grade 4 paper. Fold $\frac{1}{2}$ of your paper. What is $\frac{1}{2}$ of a half? What word in this sentence has an equivalent symbol in mathematics? What symbol can be replaced by the word "of"?

B. Developmental Activities

1. Presentation

Nancy found a piece of white cloth in an old chest of her grandmother. She cut $\frac{2}{3}$ of it, then she used $\frac{1}{2}$ of this for her apron's pockets. What part of the whole piece of cloth did Nancy use for her apron's pockets?

- a. Help the pupils in the analysis of data.
1. What kind of a girl is Nancy?
 2. If you were Nancy, would you do the same? Why?
 3. What part of the cloth did Nancy cut?