

B. Teaching the operator interpretation of the fraction using sets of objects


13. Story problems - finding the set corresponding to a given fraction

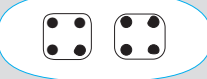
example

There are 12 flowers in the drawing. We have to color $\frac{2}{3}$ of the flowers.
How many flowers should we color?

Answer:

we should color 8 flowers.


1  all the flowers in the drawing


$\frac{2}{3}$  the flowers we should color

- 1 Follow the example and solve each of the following problems using drawings of sets. Beside each ellipse, describe in words the set in the ellipse.

- a. 20 children played in the courtyard. A third of them were boys.
How many boys played in the courtyard?


Answer:


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- b. Assaf had 12 bananas. He gave his friends $\frac{3}{4}$ of the bananas.
How many bananas did his friends get?

Answer:

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