

F. Teaching the quotient interpretation of the fraction using circles

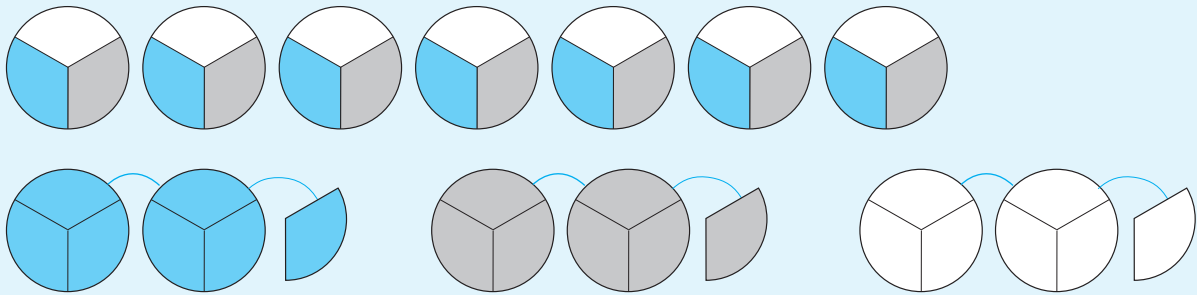
26. The fraction $\frac{a}{b}$ as a solution of the division problem $a:b$

a. Solve in your notebook the exercise:
You can use the partitioning rings.

$$7 : 3 =$$

b. Rafi and Dalit solved the exercise in two different ways.

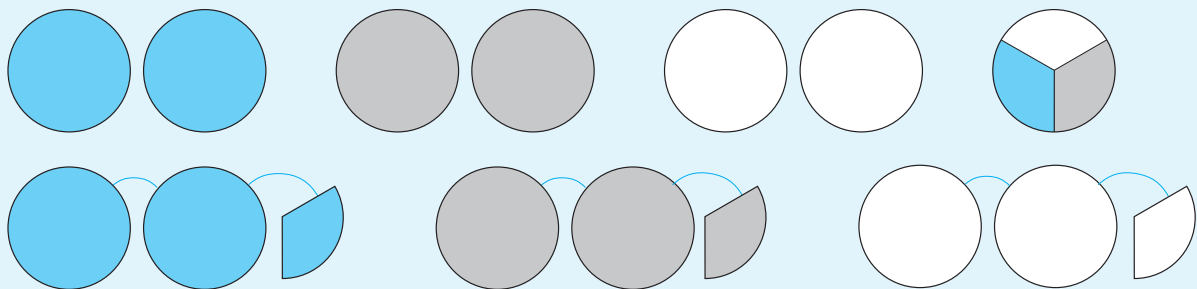
Rafi solved as before:



Rafi's answer:

$$7 : 3 = \frac{7}{3}$$

Dalit solved in the following way:



Dalit's answer:

$$7 : 3 = 2\frac{1}{3}$$

Discussion

- Who solved the exercise like Rafi? Who solved it like Dalit?
- How are the two ways of solution similar and how are they different?
- Did they get the same answer?

c. Work in your notebook: solve the exercise using the two ways, Rafi's and Dalit's.

$$7 : 4 =$$

Did you get equal results? _____