

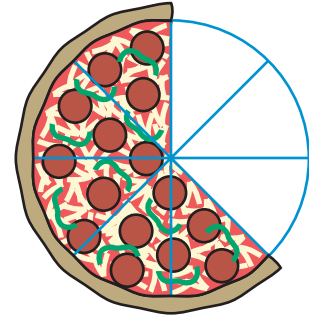
Stories About Adding and Subtracting Fractions

NCTM Standards 1, 6, 7, 9, 10

Solve the problems using the pictures.
Write number sentences to match the solutions.

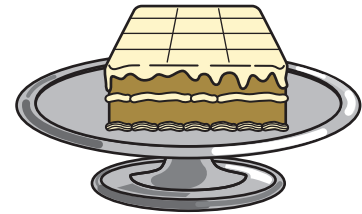
- 1 Carin ate $\frac{3}{8}$ of a whole pizza. If her brother ate the rest of the pizza, what fraction of the pizza did he eat?

Number sentence(s):



- 2 Ms. Liang cut a square cake into twelve equal-sized pieces. If her husband ate $\frac{3}{12}$ of the cake and her son ate $\frac{3}{12}$, what fraction of the cake might she share with her daughter?

Number sentence(s):

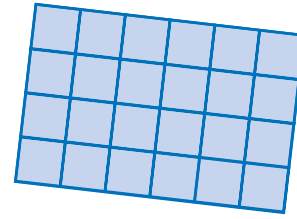


- 3 T.J. ran as fast as he could for $\frac{6}{10}$ of a mile, then jogged the rest of the mile. What fraction of the mile did he jog?

Number sentence(s):



You may use the picture to help you solve both Problems 4 and 5.



Write number sentences and draw pictures to match the solutions.

- 4 Mrs. Benson's class is making a quilt of 24 patches. The class completed $\frac{7}{24}$ of the quilt the first week and $\frac{11}{24}$ more the second week. What fraction of the quilt remains to be finished?

Number sentences and pictures:



- 5 There are 24 students in Mr. Cohen's class. There are 10 boys in the class. What fraction of the students are girls?

Number sentences and pictures:



- 6 **Challenge** A square-shaped field measures 60 feet by 60 feet. If John mows $\frac{1}{4}$ of the field, how many square feet does John mow?

_____ sq ft

Show your work.