T-shirt sales

Annotation

Mai can write an equality statement of a proportional situation involving an unknown and can explain her reasoning for the notation she uses. She knows that “of” can be expressed with a multiplication symbol.

Problem: T-shirt sales

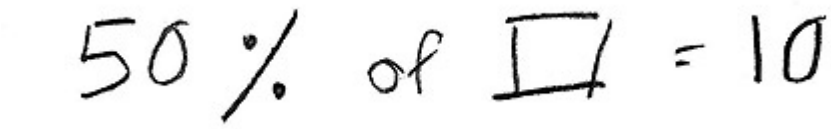
The teacher shows the student the following problem, reading it to them as required:

There is a 50% discount on T-shirts. Pepe buys one T-shirt and pays $10. What was the original price?

Then the teacher asks the student:

Before you solve this problem, can you write an equation to describe the situation?

Student Response



Teacher:	Tell me about what you have written.
Mai:	If it’s 50% off, then the $10 that Pepe pays is the same as 50% or half of the original price. So I’ve written 50% of “box” because that’s for the original amount that we are trying to find. I could have written 0.5 of “box” too.
Teacher:	Do you know a maths symbol you could write instead of “of”?
Mai:	I could write a times.