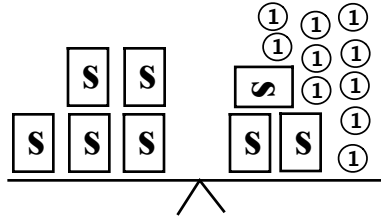


MathFLIX CHALLENGE

Solving Equations Using a Balance

Word Problem

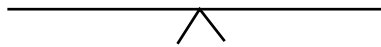
1. You can buy 5 sandwiches for the same price as 3 sandwiches and 10 one dollar drinks. How much does each sandwich cost?



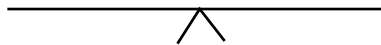
Equation Form

$$5s = 3s + 10$$

2. Jamie can buy 5 theater tickets and two \$1.00 boxes of popcorn for the same price as 3 theater tickets and ten \$1.00 boxes of popcorn. What is the price of the theater ticket?



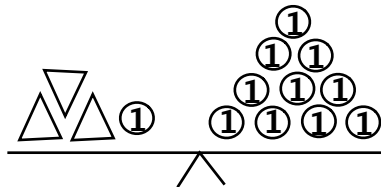
3. Diane likes to collect comic books. She has three packages and five single comics. Her friend Mary has the same number of comic books but she has only one package and 17 single books. How many books are in a package?



4. Jim bought 1 pack of baseball cards to add to the 2 packs that Diane gave him. Mary gave him two more cards. Now he has as many cards as Lanada, who owns one pack and 16 cards. How many baseball cards are in a pack?

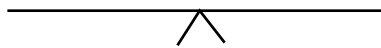


5. Three times a number, increased by 1 is 10. Find the number.



$$3x + 1 =$$

6. Two more than four times a number is 22. Find the number.



7. Four times a number, increased by 3 is the same as twice a number increased by 11. Find the number.



8. If seven is added to twice a number the result is the same as if twelve is added to the number. Find the number.

