## 7.4 Multiplication Equation (6.EE.5, 6.EE.7, and 6.RP.3)

## Vocabulary

Division Property of Equality - If you divide each side of an equation by the same number, the two sides remain equal.

## Guided Practice:

Solve each equation.

1.) 
$$2a = 6$$

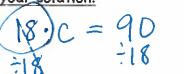
$$\alpha=3$$

3.) 
$$9/4g = 28.2$$

4.) The length of an object in feet is equal to 3 times its length in yards. The length of a waterslide is 48 feet. Write and solve a multiplication equation to find the length of the waterslide in yards.



5.) The total time to burn a CD is 18 minutes. Last weekend, Demitri spent 90 minutes burning CDs. Write and solve a multiplication equation to find the number of CDs Demitri burned last weekend. Explain how you can check your solution.



Partner Talk: Solve

Building on the Essential Question - How can the Division Property of Equality be used to solve multiplication equations? If was a divide and the solve of the so

multiplication equations? If you divide each side of an equation by the same number, both sides pumain equal.

Rate Yourself - How well do you understand solving and writing multiplication equations? Circle the image that applies.

