

7.3 Subtraction Equation (6.EE.5 and 6.EE.7)

Vocabulary

Addition Property of Equality - If you add the same number to each side of the equation, the two sides remain equal.

Guided Practice:

Solve each equation. Check your solution.

1.) $a - 5 = 9$
 $\quad +5 \quad +5$

$a = 14$

2.) $b - 14 = 57$
 $\quad +14 \quad +14$

$b = 71$

3.) $14.12 = y - 8.2$
 $\quad +8.2 \quad +8.2$

$22.32 = y$

4.) Catherine studied for 1.25 hours for her science test. This was 0.5 hour less than she studied for her algebra test. Write and solve a subtraction equation to find how long she studied for her algebra test.

$$1.25 = a - 0.5$$

$$+ 0.5 \quad + 0.5$$

$1.75 = a$
 HOURS

Partner Talk

Pete is 15 years old. This is 6 years younger than his sister Victoria. Write and solve a subtraction equation to find Victoria's age.

$$15 = v - 6$$

$$+ 6 \quad + 6$$

$21 = v$
 years
 old

Building on the Essential Question - How can the Addition Property of Equality be used to solve subtraction equations?

If you add the same number to each side of an equation, the two sides remain equal.

Rate Yourself - Are you ready to move on? Shade the section that applies.

YES ? NO

← Rate yourself!