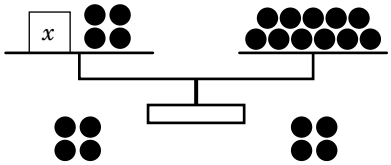
Name _____ Class _____ Date _____

Reteaching 2-6

Solving Addition and Subtraction Equations

Addition Equations	Subtraction Equations
There are 4 more than needed to fill the x box.  $x + 4 = 11$ To *solve* this equation, find the value of x that makes the scales balance. Since 4 is added to x, subtract 4 from both sides. $x + 4 = 11$ $x + 4 - 4 = 11 - 4$ $x = 7$ The *solution* to the equation is $x = 7$.	$r - 3 = 9$ To *solve* this equation, find the value of r. Since 3 is subtracted from r, add 3 to both sides. $r - 3 = 9$ $r - 3 + 3 = 9 + 3$ $r = 12$ The *solution* to the equation is $r = 12$.

Solve each equation.

1. $a + 15 = 31$

$a + 15 - ____ = 31 - ____$

$a = ____$

2. $5 = x - 20$

$5 + ____ = x - 20 + ____$

$____ = x$

3. $19 + t = 51$

_____

4. $p - 11 = 12$

_____

5. $60 = n + 30$

_____

6. $71 = b - 29$

_____

7. $86 + m = 107$

_____

8. $w + 349 = 761$

_____

9. $50 - y = 30$

_____

10. $d - 125 = 75$

_____

11. A car dealer purchased a car for \$2,000 and then sold it for \$3,200. Write and solve an equation to find the profit.

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