

Name \_\_\_\_\_

Date \_\_\_\_\_ **ANSWER KEY**

# Solutions to Equations

Which value is a solution to each equation? Circle the correct solution, or circle "not given" if the solution is not listed.

$5 + x = 17$	
$x = 12$	$x = 16$
$x = 22$	not given

$72 \div b = 8$	
$b = 7$	$b = 5$
$b = 9$	not given

$4.5g = 90$	
$g = 2$	$g = 20$
$g = 200$	not given

$12.2 = h - 3.9$	
$h = 8.3$	$h = 9.7$
$h = 16.1$	not given

$35 - 4m + 8 = 19$	
$m = 2$	$m = 6$
$m = 8$	not given

$60 = 5(a + 1)$	
$a = 5$	$a = 7$
$a = 10$	not given

Challenge yourself! Look at the equations below. Circle all of the equations that have a solution of  $y = 2.4$ .

$7 - y = 4.6$	$y \div 3 = 8$	$12 = 5y$	$2.4 + y = 4.8$
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