Name: _____ Grade 7 - _____

Creating and Solving Equations

Write an equation for each description. The first one has been done for you. Solve to find x.

I think of a number.... x	Equation	x =
I multiply it by 3 and add 5. The answer is 14.	$3x + 5 = 14$	3
I subtract 5 from it. The answer is 8.		
I multiply it by 4 and subtract 4. The answer is 10.		
I divide it by 4. The answer is 8.		
I multiply it by 5. The answer is 10.		
I subtract 5 and divide by 2. The answer is 14		
I multiply it by 4 and divide by 5. The answer is 10		
I multiply it by 2 and subtract 10. The answer is 8.		
I multiply by 3, add 6, then divide by 3. The answer is 10.		
I add 8 and divide 4. The answer is 14.		