

CLASS PRACTICE

Determine whether each of the following equations is an identity.
 (The first one is done for you as an example.)

	Equation	Is it an identity? (Yes/No)
1.	$2x - 1 = 7$	No
2.	$2(x - 1) = x - 2$	
3.	$(x + 2)(x - 2) = x^2 - 4$	
4.	$(x - 1)(x + 2) = x^2 - 2$	
5.	$(x - 1)^2 = x^2 - 1$	
6.	$3(2x - 1) = 6x - 3$	
7.	$3x - (2x - 1) = x + 1$	

◀ $2x - 1 = 7$ only when $x = 4$.