Classwork #4: PROPERTIES OF EQUALITY
Identify the property of equality that justifies each missing step or equation in each of the following tables

Equation	Steps
$x + (x - 6) = 8$	Original Equation
$2x - 6 = 8$	
	Addition Property of Equality
$x = 7$	

Equation	Steps
$x + (4x + 12) = 12$	Original Equation
$5x + 12 = 22$	
$5x = 10$	
	Division Property of Equality

Equation	Steps
$4(x - 6) = 40$	Original Equation
$x - 6 = 10$	
$x = 16$	

Equation	Steps
$5x + (3(x + 4) = 28$	Original Equation
$5x + 3x + 12 = 28$	
$8x + 12 = 28$	
	Subtraction Property of Equality
$x = 12$	