

Incorrect. Using the formula distance = rate \* time, or  $d=rt$ , you can generate a system of equations to model this problem:

	Distance	=	Rate	*	Time
<b>Train A</b>	$d$	=	60	*	$t$
<b>Train B</b>	$44 - d$	=	50	*	$t$

This gives you the system:

$$d = 60t$$

$$44 - d = 50t$$

Use the substitution method to solve for  $t$ .