

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

	Distance	=	Rate	*	Time
Train A	d	=	40	*	t
Train B	$50 - d$	=	60	*	t

This gives you the system:

$$d = 40t$$

$$50 - d = 60t$$

Use the substitution method to solve for t .