


J leaves Det at 2:00 going west.
 40 miles at 2:50

$\frac{D}{t} = \text{vel}$, $\frac{40}{\frac{50}{60}} = \text{how fast}$

$\frac{40 \cdot 60}{50} = \text{how fast}$

$48 \text{mph} = \frac{240}{5} = \text{how fast}$

a) Dist = 48time
 $D(t) = 48t$

b) 

c) 48, mph, or how fast Jason was going

Sep 8-10:36 AM

1.3 #12

$y = x^2 - 4x + 3$ complete square

$y = \underbrace{x^2 - 4x + 4}_{(x-2)^2} - 4 + 3$

$y = (x-2)^2 - 1$

so this is x^2 shifted
 right 2 and
 down 1

Sep 8-11:17 AM