$x = 5 - y$

$8 = 4x + 4$

$-52 \quad -52$

$33 = 52 + 4$

$-10x$

$33 + 10x = 52$

$x =$

Louisa used Downtown Taxi, which charges $2 for the first mile and $1.10 for each additional mile. Pietro used Uptown Cab, which charges $5 for the first mile and $0.95 for each additional mile. They paid the same amount and traveled the same distance. How far did they travel?

x = # of mi

DT UT

$2 + 1.10x = 5 + 0.95x$

$-.95x \quad -0.95x$

$2 + 0.15x = 5$

$-2 \quad -2$

$0.15x = 3$

$\frac{0.15x}{0.15} = \frac{3}{0.15}$

$x = 20$ mi

Jan 20-12:02 PM