Topic: Equations
Lesson 19

Homework(Day 3)

3 Suki is trying to solve the equation $62.75 + x = 92$.

Determine whether Suki could use each statement below to reason and solve the equation.

Choose *Yes* or *No* for each statement.

a.   Suki can add 62.75 to both sides of the equation.   ☐ Yes ☐ No

b.   Suki asks, "What number can be added to 62.75 to get 92?"   ☐ Yes ☐ No

c.   Suki thinks, "x is the difference between 92 and 62.75."   ☐ Yes ☐ No

d.   Suki can divide 92 by x to get a value equal to 62.75.   ☐ Yes ☐ No

e.   Suki knows that $62.75 + 0.25 = 63$ and $63 + 29 = 92$,   ☐ Yes ☐ No
     so x must be 29.25.

4 David and Ted are walking a trail. Ted walks 3.1 kilometers farther than David.

Part A

Write an equation for the number of kilometers David walks, *d*, if Ted walks 5.4 kilometers.

Answer: _____

Part B

Write an equation for the number of kilometers Ted walks, *t*, if David walks 4.9 kilometers.

Answer: _____

Part C

Fill in the blanks to tell the distance David and Ted walk.

If Ted walks 5.4 kilometers, then David walks _____ kilometers.

If David walks 4.9 kilometers, then Ted walks _____ kilometers.