



# Solve Me!

Show your work and include the "therefore" statement

Given the equation  $3(x - 2) = 2x - a$ , where  $a = 3$ , find the value of  $x$ .

A cyclist has traveled 65 km in 5 hours. Part of the trip he was going at a speed of 10 km/hr and the rest of the trip he was going at a speed of 15 km/hr. How long was he going at each speed in hours? ( $D = st$ )

Kids were picking apples. In 4 hours they picked 6 kilograms of apples. They were picking the same amount of apples every hour. What was the kids' apple picking speed?

Solve the equation:  $7|x| - 3(x + 2) = -10$

Answers  
 $1. x = 3$   
 $2.2 \text{ hrs and } 3 \text{ hrs}$   
 $3. 1.5 \text{ kg/hr}$   
 $4. x = -1 \text{ or } x = 2/5$

