

Washing machine repairs II

This task is about calculations with linear equations.



Tawera's Community Electrical use this equation to work out how much they will charge to fix a washing machine.

$$c = 30 + 28h$$

c = the cost of repairs (in dollars)
 h = the time the repairs take (in hours).

a) Alipate's machine took 3 hours to fix. How much did this cost? \$_____

Wanda's machine cost \$170 to repair. How many hours did this take?

b) Show all your working and then write your answer in the box.

Wanda's machine took _____ hours to fix.