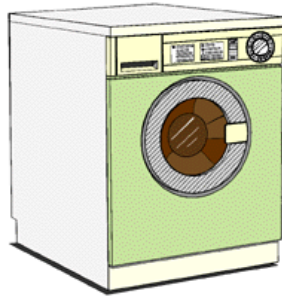


# Washing machine repairs II

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**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.