

Washing machine repair

This task is about calculating and comparing the cost of repairs from two companies.

Two washing machine repair firms charge for repairs in different ways.

- Nockem Hardware charge a standard \$70 for a call out, and then \$30 per hour for servicing.
- Bustum Services charge \$40 for the call out, and then \$35 per hour for servicing.

a) Show how to work out what Nockem Hardware would charge for a 2 hour repair.

Answer: \$ _____

b) Show how to work out what Bustum Services would charge for a 2 hour repair.

Answer: \$ _____

c) Show how to work out how many hours it would take to carry out a repair for which both companies charged exactly the same.

Answer: _____ hours

d) Mrs Savi knows that her machine is badly damaged and will take 3 hours to fix.

- Recommend which firm it would be cheaper for Mrs Savi to get her machine repaired by.
- Give reasons for your recommendation (justification).

Recommendation:

Write the reasons for your recommendation (justify with any working you did).
