

Rescue helicopters

This task is about finding and comparing the different costs.



Grabbem Helicopters Ltd. charges a fixed cost of \$600 just to get its rescue helicopter in the air, and then an additional cost of \$300 for every hour.

a) Show how to work out the total cost of a search lasting 4 hours.

Answer: \$ _____

b) Show how to work out how long a search would be maintained for a sum of \$2 700.

Answer: _____ hours

c) Another helicopter company, Snatchem and Co. sets up, charging no fixed start-up fee, but simply \$400 per hour of in-air time.

Show how to work out which company would give the longer search for a sum of \$3 600.