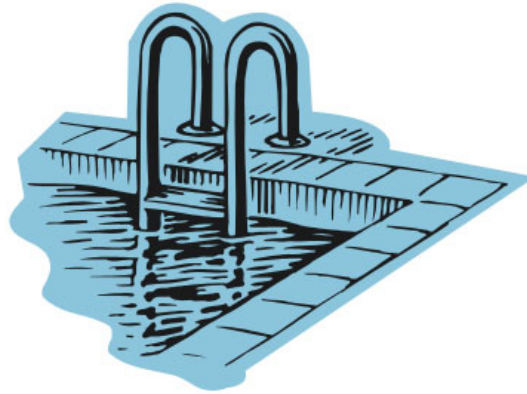


# Lengths of the pool

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This resource is about solving maths problems around swimming training.



Susan swam 25 lengths of a swimming pool at a steady rate, had a 10 minute rest, then swam 15 more lengths at the same speed. In total, this took exactly half an hour.

- a) How many lengths did Susan swim? \_\_\_\_\_
- b) How long was she swimming for? \_\_\_\_\_
- c) How long did Susan take to swim 1 length? \_\_\_\_\_
- d) How long did Susan take to swim the first 25 lengths of the pool? \_\_\_\_\_
- e) If Susan swam at the same steady speed, how long would 100 lengths of the pool take her?  
\_\_\_\_\_
- f) How many lengths of the pool would Susan cover in 10 minutes if she swam 5 lengths every 2 minutes?  
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