

Question

Question ID: 877



7. A newspaper headline read ‘Welsh tortoise recaptured 1.8 miles from home after 8 months on the run’. Assuming the tortoise travelled in a straight line, roughly how many minutes did the tortoise take on average to ‘run’ one foot?

[1 mile = 5280 feet]

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Answer

7. **D** In 1.8 miles there are 1.8×5280 feet = 18×528 feet, while in 8 months there are roughly $8 \times 30 \times 24 \times 60$ minutes. Hence the time to ‘run’ one foot in minutes is roughly $\frac{10 \times 30 \times 20 \times 60}{20 \times 500} = 36$ minutes.