

Answer on Question #48504-Physics-Electromagnetism

A bicycle travels 12 km in 40 min, its average speed is?

Solution

Average speed is

$$v = \frac{\text{Distance}}{\text{Time}} = \frac{12 \text{ km}}{40 \text{ min}} = \frac{12 \cdot 10^3 \text{ m}}{40 \cdot 60 \text{ s}} = 5 \frac{\text{m}}{\text{s}}.$$

Answer: $5 \frac{\text{m}}{\text{s}}$.

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