

Answer on Question #64952-Physics-Other

A cage is lowered down a pit shaft 600 m deep in 46s what is the average velocity?

Solution

The distance is

$$d = 600 \text{ m.}$$

The time is

$$t = 46 \text{ s.}$$

The average velocity is

$$v = \frac{d}{t} = \frac{600}{46} = 13 \frac{\text{m}}{\text{s}}$$

Answer: $13 \frac{\text{m}}{\text{s}}$.

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