Answer on question #45359 – Math – Other

An elevator is 25m below the ground level and it ascends at the rate of 5m/min.
Find the time taken it to reach 50m above the ground.

Solution

Let s – total distance. Then,

$$s = 25 + 50 = 75$$

Let v – speed of elevator, so v = 5 m/min.

Let t – time to cover total distance.

$$t = \frac{s}{v} = \frac{75}{5} = 15$$

Answer: 15 minutes