

seconds,  $OA = 52 \text{ km/hr} = 14.44 \text{ m/s}$

$\Delta = \frac{1}{2} \times 5 \times 14.44 = 36 \text{ metres}$

Worksheet

Difference between plant and animal cell

plant cell

- \* cell wall is present
- \* plant cell is rectangular in shape.
- \* vacuole is large
- \* cilia is absent
- \* In case of plant cell nucleus is present on one side of the cell.

Animal

- \* cell wall is absent.
- \* Round in shape.
- \* vacuole is small or absent.
- \* cilia is present.
- \* nucleus is present at the centre.

Similarities between plant and animal cell

Organelles	plant cell	Animal cell
1) cell wall	present	Absent
2) cell membrane	present	present
3) Nucleus	present	present
4) Nuclear membrane	present	present
5) Cytoplasm	present	present
6) Endoplasmic reticulum	present	present
7) Ribosome	present	present
8) Golgi body	present	present
9) mitochondria	present	present
10) vacuole	present → large	present → small
11) lysosome	rare	common
12) chloroplast	present	Absent