

1. A point against which position is measured

2. It is not moving

3. The glass is moving

4. the child is in motion

5. $\frac{30}{1} \times \frac{1 \text{ hour}}{60 \text{ mins}} = 0.5$

6. $\frac{6 \text{ kilometers}}{1} \times \frac{1000}{1} = 6000$

7. This is a scalar

8. ?

9. The acceleration is zero

10. ?

12 Air resistance

13 Objects that float

15 ?