

Are You Ready? Answers

- From 0s to 2s - accelerating
From 2s to 5s - constant speed
From 5s to 7s - decelerating

- Car N, M, L all travel for 20s
Car N is fastest, car L is slowest

$$\text{speed} = \frac{\text{distance}}{\text{time}}$$

$$L = \frac{20\text{m}}{20\text{s}} = 1\text{ m/s}$$

$$N = \frac{80\text{m}}{20\text{s}} = 4\text{ m/s}$$

$$M = \frac{40\text{m}}{20\text{s}} = 2\text{ m/s}$$

- Accuracy, significant digits,

- Measure time taken to cover a specific distance.

$$\text{speed} = \frac{\text{distance}}{\text{time}}$$

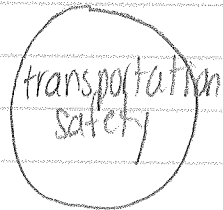
- Qualitative (with words)

- cylindrical
- pointed at one end
- writes in blue, ...

- Quantitatively (with numbers)

- there is 1
- it is ___ cm long
- it has a radius of ___ cm

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- mass it can lift
 - pivot at elbow
 - open, close fist