## Position and motion

## Answer the following questions using the diagram.



1 Describe the position of the Candy Shop in relation to the Playground.

2 Describe the position of the House in relation to the School.

3 If you were to walk from the school to the Candy Shop, what direction would you have to go?

## Speed

## 1- What is speed?

2 Complete the following table in which data from a swimming race were recorded.

| Swimmer | Distonce <br> $(\mathrm{d}) \mathrm{m}$ | Time (i) sec | Speed (d/i) <br> $\mathrm{m} / \mathrm{min}$ |
| :--- | :--- | :--- | :--- |
| Swimmer (1) | 500 | 80 | $6.25 \mathrm{~m} / \mathrm{min}$ |
| Swimmer (2) | 460 | 40 | $11.5 \mathrm{~m} / \mathrm{min}$ |
| Swimmer (3) | 300 | 50 | $6 \mathrm{~m} / \mathrm{min}$ |
| Swimmer (4) | 200 | 25 | $8 \mathrm{~m} / \mathrm{min}$ |

3 Which swimmer won the race?

## Forces

1- Circle the correct answer.

push
pull
push
pull

push
pull


2 Is it easier to pull or push something with a rope?

