Racing team name : ....

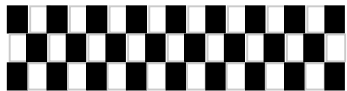## Race your car

Race 1: Shelsey Walsh

Start

Flat for 6 km

Downhill 1:10 for 2 km

Uphill 1:10 for 6 km

Downhill 1:10 for 4 km

Flat for 7 km

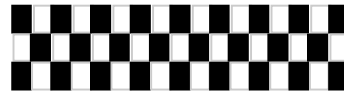### Race 2: Prescot Park

Start

Downhill 1:10 for 4 km

Uphill 1:10 for 2 km

Flat for 7 km

Uphill for 4 km
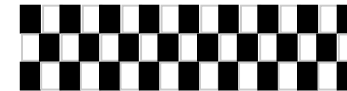
Downhill for 8 km

Race 3: Loton Park
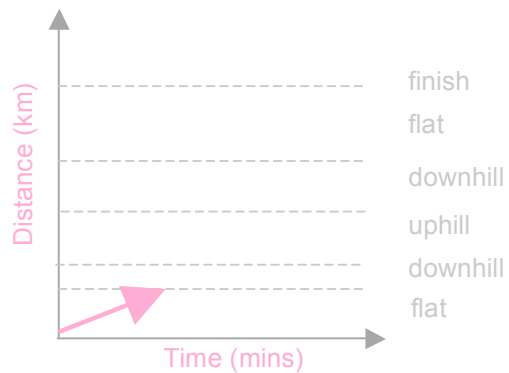
Start

Uphill 1:10 for 0.5 km

Flat for 2.5 km

Uphill 1:10 for 4.5 km

Flat for 3.5 km

Uphill for 1.5 km

Distance Time graphs

| Distance time graph | Our car: Performance | Activity |

Data from the activity sheet "How fast …?"

Distance (km)

finish
flat
downhill
uphill
downhill
flat

Time (mins)

Speed km/h

Flat   ....

Up slope   ....

Down slope ....

Use graph paper to draw distance time graphs for your car competing in the 3 races