L.O. To solve word problems involving decimals.

This is the extension activity to our work on adding and subtracting decimals. If you would like a challenge - to use your decimal number skills and apply them to real life problems, please have a go at the following questions. (Use the attached answer sheet to self-mark.) Remember: the workings out need to be as clearly laid out as the previous task. The clearer your presentation, the more likely you will be correct.

		16.0	Ma da	l d -
		Hull	york	Leeas
	single	£12.50	£15.60	£10.25
Adult	return	£23.75	£28.50	£19.30
	single	£8.50	£10.80	£8.25
Child	return	£14.90	£17.90	£14.75

Look at the table above for question 1a and 1b.

- 1. a. What is the total cost for a return journey to York for one adult and one child?
 - b. What is the total cost for one adult return to Hull and a single adult to Leeds?
- 2. Michael Schumacher can travel at 166.35 miles per hour in his Ferrari. How far can he travel in 3 hours?
- 3. The temperature in the classroom was 21.8 °C. Claire left the door open and the temperature dropped by 3.7 °C. What was the temperature now?
- 4. Sarah was 88.49 cm tall when she was 3 years old. By the time she was 18, Sarah had grown a further 83.91 cm. How tall was she when she was 18?
- 5. Long-haired Lucy decided it was time for a new haircut. She went to the hairdressers with hair 74.2 cm long. When she left it was 21.6cm long. How much had the hairdressers taken off?