Solving problems with decimals.

		Hull	York	Leeds
Adult	**single**	£12.50	£15.60	£10.25
	return	£23.75	£28.50	£19.30
Child	**single**	£8.50	£10.80	£8.25
	return	£14.90	£17.90	£14.75

1. Look at the table above

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 a return to Hull and a single to Leeds for two adults?

2. Lewis Hamilton can travel at 166.35 mph in his Mercedes. 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?

Extension: Write 3 more word problems with decimals. Calculate the answers and check with an adult.