

Decimal Problems

1. Colin lived in Scotland and was going to France for a holiday. He wanted to take his caravan so he drove his car there, towing the caravan behind. On the first day he drove 472.87 miles to Portsmouth. He got on a ferry which sailed 73.92 miles to France. Colin got off the ferry and drove a further 143.64 miles to the camp site.
 - a) How far did Colin travel to get to the campsite?
 - b) He took the scenic way home which added a further 94.43 miles to his journey. How far was his journey home?
2. Michael Schumacher can travel at 167.33 mph in his Ferrari Formula 1 car. How far can he go in 3 hours?
3. 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 21.6 cm long. How much had the hairdressers taken off?
4. Joanna went to wash her car. She parked her car 56.84 metres from the tap. Her hose was 50.07 metres long. How much closer would she need to park her car so that the hose could reach it?
5. 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?
6. David ran a bath to wash his smelly body. He forgot about it and when he remembered, it was too full. There were 104.67 litres in the bath. Before he got in, he emptied out 11.73 litres. How much water was now in the bath?
7. The temperature in the classroom was 21.8 °C. Claire left the door open and the temperature dropped by 3.7 °C. Rohan turned the radiators up and the classroom temperature rose by 5.7 °C. what was the temperature now?