Year 6 Bronze Badge - Complete both tasks and hand this back to your class teacher.

Task 1

Solve problems involving decimals   PTRC

Simran and Vibha go to the coffee shop one afternoon.

Tea	£2.10
Americano	£2.50
Latte	£2.80
Cappuccino	£2.75
Mocha	£2.95
Hot Chocolate	£2.85

1. Simran buys the cheapest drink and Vibha buys the most expensive drink. What is the difference in price that they pay?

2. Simran pays for both drinks using a £10 note. How much change does she get?

3. Vibha's mum has asked her to bring any two drinks home as long as they cost £5 or less in total. List the possible combinations of drinks that Vibha could choose.

Task 2

Express missing number problems algebraically

Oliver and Ben want to hire a boat for the afternoon. They have to pay a deposit of £50 then £20 for each hour they hire the boat for. They arrive at 2pm and return the boat at 5pm. If they share the cost equally between them, how much does each boy pay?