

Four operations

Target Source..... Name.....

1. At midnight, the temperature was -7°C . By 7am the next morning, the temperature had increased by 6°C .

a) Work out the temperature at 7am the next morning.

At midday, the temperature was 3°C .

b) Work out the difference between the temperature at midday and the temperature at midnight.

2. The table shows the temperature on the surface of each of five planets

Planet	Temperature
Venus	210°C
Jupiter	-150°C
Saturn	-180°C
Neptune	-210°C
Pluto	-230°C

a) Work out the difference in temperature between Jupiter and Pluto.

b) Work out the difference in temperature between Venus and Saturn.

Four operations

Oct 2015

3. John wants to change his car. He is going to buy a second hand car. The salesman says John can pay the cash price or use a payment plan.

The cash price of the car is £8000

Payment plan

Pay a deposit now + 36 monthly payments

The salesman says

'The deposit for this car is £1400 and the monthly payments are £200'

John wants to know if the payment plan is cheaper than the cash price.

Is the payment plan cheaper than the cash price?

4. Mr Khan is the manager of the Palace. He records the number of hours each person worked last week.

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Tom	4.5	Day off	4.5	Day off	4	4.5	5
Des	Day off	4.5	4	4.5	5	5	Day off
Jenny	5	4.5	Day off	5	4.5	4.5	5
Lee	4	4.5	5	4.5	Day off	4	5
Mahir	4	Day off	5	4.5	Day off	4	4.5
Liz	Day off	5	5	4.5	4.5	Day off	4

Mahir is paid an hourly rate of £7.85

- a) How much is Mahir paid for working last week?

Show a check of your working. (4 marks)