

Level 4: Homework 3

1. $16 \cdot 2 + 39 \cdot 7$ 2. $12 \cdot 6 - 11 \cdot 8$ 3. $72 \cdot 4 \times 3$ 4. $38 \cdot 4 \div 4$

5. The final scores in the school golf championship are shown opposite.

The player with the lowest score wins.
Who won?

Howard	-1
Jessie	+2
Alan	-3
Daisy	+5
Emma	-2

6. The disco lights flash. Red flashes every 2 seconds. Green flashes every 3 seconds. Yellow flashes every 4 seconds. If they all begin at the same time, how long will it be until the next time they all flash at the same time?
7. Find the number from these clues.
- It is a factor of 12
 - It is the larger prime number.
8. Sheila's car can travel 20 kilometres on 1 litre of fuel. She is planning a journey of 140 kilometres. How many litres of fuel will Sheila need for the journey?
9. A double glazing firm pays its employees a bonus each month based on how much they sell. The table shows how the bonus is calculated.
- a. John sells £5 000 worth of glazing. What is his bonus?
- b. Martha sells £16 000 worth of glazing. What is her bonus?

Sales	Bonus
Less than £10 000	£0
From £10 000 to 20 000	5% of sales
More than £20 000	12% of sales



9. One of the three symbols +, -, × is inserted somewhere between the digits of 2016 to give a new number. For example, $20 - 16$ gives 4.
How many of the following four numbers can be obtained in this way?

A 0 B 1 C 2 D 3 E 4