

Function Machine Problems – Answers

1. To find the first missing number you must work backwards so do the opposite:
Take away 3 and then divide by 2 = 11
Second box = 109
2. You need to work in reverse:
 $953 - 85 = 868$
 $868 \div 7 = 124$
3. Answer B
4. $60p \times 3 = £1.80$ then $+£1.25 = £3.05$
5. A) $40\text{mins} \times 3 = 120\text{mins}$ then $+ 20\text{mins} = 140\text{mins} = 2\text{hours } 20\text{mins}$
b) Work in reverse. Take away 20 mins = 80mins then divide by 40 = 2kg
6. There are two ways to approach this problem.
The first way is to divide 50 by 4 = 12.5 therefore the two answers could be 12 or 13.
The other way is to think of multiples of 4 that round to 50. The answer is 48 or 52. Then divide these by 4 to get the answer.