



- 1) Jasper thinks of a number. He multiplies by 2, then he adds 4 and finally he multiplies that by 6. His result was 72.

What was his original number? (let  $x$  be his original number)

- 2) Isabel's dog, Titus, eats  $\frac{3}{4}$  of a tin of dog food a day. How many tins does he eat in 4 weeks?

If a tin costs £1.30, how much does it cost Isabel to feed him each week?

If there is a 15% reduction in the price of a tin, how much would she save?

- 3) Marco makes some fruit punch. He uses 750 ml of cranberry juice, 0.45 litres of pineapple juice, 320 ml of orange juice and 1.3 litres of lemonade.

How many litres of fruit punch does Marco make?

Marco pours the punch into glasses that can each hold 180 ml of liquid. How many whole glasses can he fill and how much does he have left over?