Week 1 – Tuesday
7 x (5+1) =
200 x 98% =
CCXIV =
1 3/5 + 3/5 =
150 ÷ 25 =
2 1/6 – 1/3 =
_____ = 120 - 76

Success in Seven Answers – Tuesday, Week 1

1) $7 \times (5 + 1) =$ 42

Remember BODMAS. There are brackets so you must solve that section first. (5+ 1) = 6. So now you know it's 7 x 6 to solve next which is 42.

2) $200 \times 98\% =$ 196

200 x 98% is the same problem as 98% x 200

You can substitute the x sign for the word 'of' so you say 98% of 200.

% sign means parts out of 100 so 98 parts out of 200 is 98 x 2 = 196.

(You could also find 2% of 200 and take it away – have a go!)

3) Roman numerals involve you remembering the letter values and the rules of where they are placed next to each other.
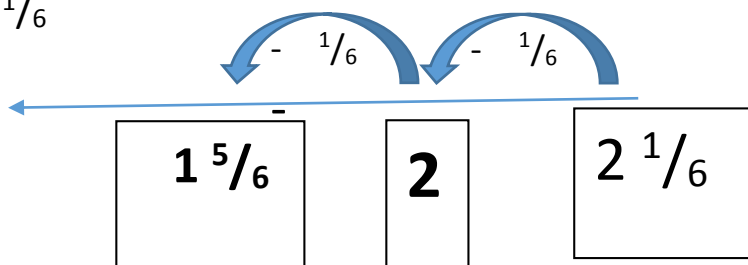
C = 100 so CC = 200   X = 10   V = 5   I = 1 so IV = 4 (as it's one less than five)   CCXIV = 214

4) $1 + \frac{3}{5} + \frac{3}{5} = 1 + \frac{6}{5} = 1 + 1 + \frac{1}{5} = $ $2 \frac{1}{5}$

5) Just count in 25s ….   0, 25, 50, 75, 100, 125, 150
There are six 25s in 150 so $150 \div 25 =$ 6

6) $2 \frac{1}{6} - \frac{1}{3}$ We know $\frac{1}{3}$ is the same as $\frac{2}{6}$ so we can jump back $\frac{2}{6}$ from $2 \frac{1}{6}$

| $1 \frac{5}{6}$ | 2 | $2 \frac{1}{6}$ |

7) 44 = 120 -76