

## Eleven Plus Maths How To Do - The Four Rules - Addition

## <u>Addition</u>

5

(a)  $\frac{2}{5} + \frac{3}{10}$  We cannot add tenths and fifths. The fractions must be changed to the same 5 10

type of fraction. This means that they must have the same denominator.

The lowest common denominator or L.C.M. is needed. A glance tells you that it is 10. Now change  $\underline{2}$  to a fraction with a denominator of 10.

<u>2 × 2 = 4</u> 5 x 2 10 The sum now needs 2 + 35 10 = <u>4</u> + <u>3</u> = 4 + 3 10 10 10 7 = 10 (b)  $7 \frac{5}{6} + \frac{7}{12} + 2 \frac{1}{4}$ = 9<u>5</u>×2 + <u>7</u> + <u>1</u>×3 = 9 <u>10 + 7 + 3</u> 12 6 x 2 12 4 x 3 = 9<u>10+7+3</u> 12 = 9<u>20</u> 12 = 108÷4 12 ÷ 4 = 10 2 3

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