

Maths Star

Adding and Subtracting Decimals

Addition and subtraction of decimals is just the same as normal addition and subtraction. The only thing to remember is **ALWAYS LINE UP THE DECIMAL POINT!**

E.g. $4.23 + 2.1$

Line it up like a normal column addition sum with the decimal points lined up:

$$\begin{array}{r} 4.23 \\ + 2.1 \\ \hline \end{array} \quad \begin{array}{l} \text{This leaves a gap after } 2.1, \text{ so fill it} \\ \text{with a } 0 \text{ (} 2.10 \text{ is the same as } 2.1) \end{array} \quad \begin{array}{r} 4.23 \\ + 2.10 \\ \hline 6.33 \end{array}$$

Now try these examples:

$$\begin{array}{r} 1) \quad 7.71 \\ + 2.13 \\ \hline 9.84 \end{array}$$

$$\begin{array}{r} 2) \quad 5.18 \\ + 1.45 \\ \hline 6.63 \end{array}$$

$$\begin{array}{r} 3) \quad 6.45 \\ - 4.22 \\ \hline 2.23 \end{array}$$

$$\begin{array}{r} 4) \quad 8.27 \\ - 3.49 \\ \hline 4.78 \end{array}$$

Handy ★ reminder: Don't forget to "carry over" when adding if you need to . . . or to "borrow one" when you take away!

Brain Teasers:

- 5) Ann has £3.80, then gets £4.27 pocket money. How much does she now have? **Answer: £8.07**
- 6) Sam has £15.00 and spends £5.73 on a CD. How much does he have left? **Answer: £9.27**