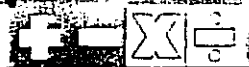


Advanced Level 9 Lesson

LESSON 9

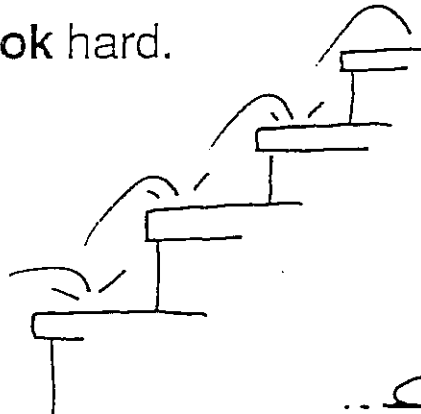
ONE STEP AT A TIME



$$30 + 40 - 50 + 70$$

Yes, chains of numbers look hard.
But it's easy to do them
in your head.
What's the secret?

Psst... Do one
step at a time!



Think in steps.

$$30 + 40 - 50 + 70$$

That's 70... minus 50...

is 20... plus 70...

is 90.



Here's another way
to think of it.

$$\begin{array}{ccccccc}
 30 & + & 40 & - & 50 & + & 70 \\
 \underbrace{\hspace{2em}} & & & & & & \\
 70 & & - & 50 & & & \\
 \underbrace{\hspace{2em}} & & & & & & \\
 20 & & + & 70 & & & \\
 \underbrace{\hspace{2em}} & & & & & & \\
 & & & & & & 90
 \end{array}$$

TRY THESE IN YOUR HEAD.

Do them one step at a time.

1. $20 + 60 - 30 - 10$
2. $80 - 50 + 30 + 10$
3. $60 + 30 - 40 - 40$
4. $90 - 40 + 30 - 10 - 20$
5. $80 - 50 + 30 - 20 + 10$
6. $60 + 20 - 40 - 30 + 20$
7. $50 + 10 + 20 - 30 + 20 - 30$
8. $70 - 30 + 50 - 30 + 40 + 80$
9. $30 + 20 + 30 - 50 - 10 + 60$
10. $50 + 30 - 40 - 10 + 20 + 70$

