Puzzle time

Dizzy digits

You can play around with your calculator to work out this puzzle.

You can use the +, −, x , ÷ and = keys.

This puzzle is in three parts. You need to answer all three parts.

Part 1: **Use four 4's to make 44**

Part 2: **Use five 5's to make 55**

Part 3: **Use six 6's to make 66**

Now let's see....
4 + 4 + 44 = 52
that's no good
How about
44 x 4 - 4
Errm...not quite.

Remember: You can use any of the
+, −, x , ÷ and = keys.
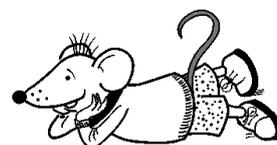
Find the answer on the next page.

Puzzle time

Dizzy digits - answers

This puzzle was in three parts.
You needed to answer all three parts.

Part 1:   Use four 4's to make 44
Part 2:   Use five 5's to make 55
Part 3:   Use six 6's to make 66

Not too difficult, but there are several ways of doing some of these.

For the four fours, the most popular answer is:

$$44 - 4 + 4 = 44,$$

but we you could also have $44 \times 4 \div 4 = 44$

For the five fives, answers include

$$(5 \times 5) + (5 \times 5) + 5$$

and $5 \div 5 + 5 + 5 \times 5$

and for six sixes, answers include

$$66 - 6 + 6 - 6 + 6$$

and $(6 + 6) \times 6 + 6 - 6 - 6$

Any other solutions?