

Puzzle time

Dizzy digits



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

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

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

Part 1: Use four 4s to make 44

Part 2: Use five 5s to make 55

Part 3: Use six 6s to make 66

Remember: You can use any of the +, -, x, ÷ and = keys.

Now let's see....

$$4 + 4 + 44 = 52$$

that's no good.

How about $44 \times 4 - 4$?

Errm...not quite!

Find the answer on the next page



Dizzy digits - answers

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

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

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

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



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

For the four fours, the most popular answer was:

$$44 - 4 + 4 = 44$$

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

For the five fives, answers include:

$$(5 \times 5) + (5 \times 5) + 5 \quad \text{and} \quad 55 \div 5 \times 5 = 55$$

$$\text{and} \quad 5 \div 5 + 5 + 5 \times 5.$$

and for six sixes, answers include:

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

$$\text{and} \quad (6 + 6) \times 6 + 6 - 6 - 6.$$