## Questions: 1

## Which number continues the sequence?



Ans: 67
As numbers go down multiply by 2 and subtract 3 .
Questions: 2
What number should replace the question mark?


Ans: 41

The center number is the difference between the products of the two diagonals. $41=(13 \times 7)-$ (10 x 5).

Questions: 3
What number should logically replace the question mark?


Ans: 5.
The middle number is the product of the top and lower left number divided by the lower right number. $5=11 \times 10 \div 22$.

Questions: 4

## Which number is missing from the empty box?



Ans: 36
In rows, multiply the left and centre numbers then subtract the smaller of the numbers to give the right hand value.

Questions: 5

## Which number goes at the bottom of the column?



Ans: 30

Numbers increase by 7, then 6, 5, 4 and 3.
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