

## PUZZLE NUMBER 1



Solution: 24

## PUZZLE NUMBER 2

Instead of adding $1+2+3+4+\ldots$, you can use a shortcut by using patterns in the clock. Start at the top. Put your left index finger on the 12 and your right index finger on the $1.12+1=$ 13. Now move the left finger anticlockwise one digit (11), and the right finger clockwise one digit (2). $11+2=13$. If you carry on like this, you end up with six lots of 13 , or $6 \times 13=78$
Solution: 78

## PUZZLE NUMBER 3



Solution: 503

## PUZZLE NUMBER 4

Line $1-6 \times 3=18$ (less than a score, which is 20)
Line $2-1 / 2$ of $6=3$, which is less than two-square, which is $2 \times 2=4$
Line $\mathbf{3}-6$ doubled $+1=13$, which is a baker's dozen
Line 4-6x twice the number of months in a year is $6 \times 2 x$ $12=144$, which is a gross
Solution: 6

PUZZLE NUMBER 5


Solution: 28

## PUZZLE NUMBER 6



Solution: $112(45+0+13+20+11+4+2+1+7+9)$

