

Cross Number

level 1

1



1		2	3
	4		
5			
6			7



Across

- 1 A cubes edges less its faces (1)
- 2 Date for the second year of a millenium (2)
- 4 Multiple of three just above a hundred (3)
- 5 Three factors of 28 (1,1,1)
- 6 Fingers times toes less the first triangle number above 23 (2)
- 7 Two is a factor of this triangle number (1)

Down

- 2 James Bond (3)
- 3 The legs owned by three bears (2)
- 4 One more than the square of 11 (3)
- 5 Total the prime numbers less than ten (2)

Cross Number

level **2**



1	2	3		4
5			6	
7		8		
9	10			11
12			13	



Across

- | | | |
|----|---|-----|
| 1 | First prime number below 131 | (3) |
| 4 | A factor for all numbers | (1) |
| 5 | Multiple of the youngest prime number and one well into her teens | (2) |
| 6 | The odd one out of 83, 89, 91 | (2) |
| 7 | Pythagoras said 3, 4,? | (1) |
| 8 | A triangle number < 50 | (2) |
| 9 | Square 28 and remove three | (3) |
| 11 | A number used frequently in shops | (1) |
| 12 | A century less the square of a Year 3 prime. | (2) |
| 13 | The cube of three | |

Down

- | | | |
|----|--|-----------|
| 1 | Mix the factors of 35... | (1,2,1,1) |
| 2 | Almost five squared | (2) |
| 3 | It never ends a square number | (1) |
| 4 | A prime number that sees itself in the mirror | (2) |
| 6 | A multiple of two squared times two cubed | (2) |
| 8 | A reversible prime number less than 50 | (2) |
| 10 | Another prime number that sees itself in the mirror, less 20 | (2) |
| 11 | Odds, counting backwards from 11 | (1,1) |
| 13 | Do spiders have cubic legs? | (1) |

Cross Number

level **3**



1	2	3		4
5		6	7	
8	9			
10				11
12		13	14	



Across

- 1 BBC in simple code (3)
- 2 The second most common factor (1)
- 5 A very odd trio (1)
- 6 The total of an unlucky prime number and the 18th square number (3)
- 8 A prime number cubed, between 10 and 20 thousand (5)
- 10 5, 9, 13; cube the odd one out (3)
- 11 Most animals use four, not us! (2)
- 12 Wonders of the Ancient World (1)
- 13 A multiple of ten and of the third cube number (3)

Down

- 1 Some factors of 2737 (2,2,1)
- 2 You walk through the Yellow Pages with....? (1)
- 3 Total the cube of 35 and the square of 100 then subtract the cube of a cube number (5)
- 4 Lowest multiple of the prime factors of numbers to 12 (5)
- 7 3 and 4 are factors of this triangle number (2)
- 9 Hear see? (1,1)
- 14 Not the difference between two primes and less than ten (1)