

Working in pairs – each person takes it in turns to choose a question from the question grid to answer. The correct solution will be found in the answer grid (if your solution is not in the grid, you need to reconsider your answer), and you can colour that box on the answer grid. To win, you need to connect four answers in a line (horizontally, vertically or diagonally) on the answer grid.

Question Grid				Answer Grid			
Write 72 as a product of its prime factors.	$m^3 \times m^2$	3rd term of $n^2 + 2n$	$m^4 \div m^3$	2, 3 and 7	31.50	$2^3 \times 3 \times 5$	m^5
$m \times m \times m \times m$	The number 168 can be written as $2^m \times n \times p$. Find the values of m, n and p.	Write 96 as a product of its prime factors	12.5% of 300	4m	$2^5 \times 3$	3, 2 and 7	15
17.5% of 180	Write 120 as a product of its prime factors.	$m + m + m + m$	10th term of $3n - 2$	37.50	29	49.50	$3m^2$
The number 84 can be written as $2^m \times n \times p$. Find the values of m, n and p.	5th term of $n^2 + 4$	22.5% of 220	$2m^2 \times m^2$	m	3, 3, and 7	m^4	$2^3 \times 3^2$
15% of 280	$2m^2 + m^2$	The number 504 can be written as $2^m \times 3^n \times p$. Find the values of m, n and p.	Write 60 as a product of its prime factors	$2^2 \times 3 \times 5$	$2m^4$	28	42