Crack the Code with Factors, Multiples, Square Numbers and Cube Numbers

Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes.

Each answer to the questions below will be a number. Match the number to a letter in the grid below. If your answers are correct, your letters will spell out a phrase.

1	2	3	4	5	6	7	8	9	10	11	12	13
A	B	C	D	E	F	G	H	I	J	K	L	M
14	15	16	17	18	19	20	21	22	23	24	25	26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Which number?	Notes/Number	Letter
This number is a multiple of seven and two and is a factor of 28.		
This number is a square number, a multiple of three and one more than a cube number.		
This number is a prime number and a factor of 36.		
When this number is squared, the answer is the largest square number in the list above.		
This prime number is > 19 and < 29.		
This number is a multiple of five and three.		
This multiple of nine is in between two prime numbers.		
This number is the difference between 5^2 and 6^2.		

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Answers

Which number?	Notes/Number	Letter
This number is a multiple of seven and two and is a factor of 28.	14	N
This number is a square number, a multiple of three and one more than a cube number.	9	I
This number is a prime number and a factor of 36.	3	C
When this number is squared, the answer is the largest square number in the list above.	5	E
This prime number is > 19 and < 29.	23	W
This number is a multiple of five and three.	15	O
This multiple of nine is in between two prime numbers.	18	R
This number is the difference between 5^2 and 6^2.	11	K