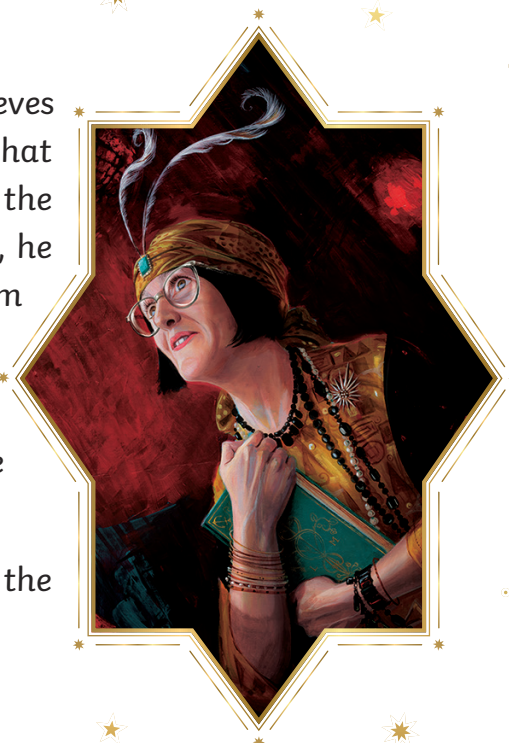


# Codebreaker

After searching high and low for an ancient box that he believes contains valuable wizarding treasures, a Professor believes that he has finally located it in the cellar of an old inn. However, the door is bolted shut and he doesn't have the key! Fortunately, he receives an unexpected letter via the Owl Postal Service from a fellow wizard which he believes will help him get inside but the message is written in code.

Can you help the wizard to crack the code to open the cellar door?

Solve the calculations and then match the answers to the corresponding letters to break the code.



# Codebreaker



A	B	C	D	E	F	G	H	I	J	K	L	M
81	8	2760	7	42	10	28	60	70	12	16	23	9

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
2	63	60	55	216	54	1207	900	6	11	110	61	13

	Answer	Letter
$1800 \div 2$		
15% of 360		
$3 \times 2 \times 7$		

	Answer	Letter
$12.07 \times 100$		
_____ = $420 \div 7$		
$726 - 684$		



# Codebreaker



A	B	C	D	E	F	G	H	I	J	K	L	M
81	8	2760	7	42	10	28	60	70	12	16	23	9

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
2	63	60	55	216	54	1207	900	6	11	110	61	13

	Answer	Letter
$9^2$		
$3 + 10 \times 2$		
$4 \times 6 = \underline{\quad} - 39$		
$420 \div 7$		
$\frac{1}{4}$ of 252		
$\underline{\quad} \times 2 = 72 \div 4$		
$6.3 \times 10$		
$6^3$		
$729 \div 9$		

	Answer	Letter
$690 \times 4$		
20% of 300		
$0.81 \times 100$		
$21600 \div 100$		
$81 \div 9$		



# Codebreaker Answers

	Answer	Letter
$1800 \div 2$	<b>900</b>	<b>U</b>
15% of 360	<b>54</b>	<b>S</b>
$3 \times 2 \times 7$	<b>42</b>	<b>E</b>

	Answer	Letter
$12.07 \times 100$	<b>1207</b>	<b>T</b>
$\text{_____} = 420 \div 7$	<b>60</b>	<b>H</b>
$726 - 684$	<b>42</b>	<b>E</b>

	Answer	Letter
$9^2$	<b>81</b>	<b>A</b>
$3 + 10 \times 2$	<b>23</b>	<b>L</b>
$4 \times 6 = \text{_____} - 39$	<b>63</b>	<b>O</b>
$420 \div 7$	<b>60</b>	<b>H</b>
$\frac{1}{4}$ of 252	<b>63</b>	<b>O</b>
$\text{_____} \times 2 = 72 \div 4$	<b>9</b>	<b>M</b>
$6.3 \times 10$	<b>63</b>	<b>O</b>
$6^3$	<b>216</b>	<b>R</b>
$729 \div 9$	<b>81</b>	<b>A</b>

	Answer	Letter
$690 \times 4$	<b>2760</b>	<b>C</b>
20% of 300	<b>60</b>	<b>H</b>
$0.81 \times 100$	<b>81</b>	<b>A</b>
$21600 \div 100$	<b>216</b>	<b>R</b>
$81 \div 9$	<b>9</b>	<b>M</b>