

# Let's Crack the Code

## Part 1 - ANSWERS

### Challenge 1 -

5	7	2	8	9	1	4	6	3

Change each picture to its corresponding number.

Are these calculations Correct (✓) or Incorrect (X)?

$\div$ 
 $=$

32  $\div$  4 = 8

$-$ 
 $=$

78 - 49 = 31

$<$ 
 $1/2 < 1/4$

$<$

$+$ 
 $=$

75 + 25 = 95

3 incorrect calculations. First digit is 3.



### Challenge 2 –



Use the code breaker to reveal a mystery number in words.

A	B	C	D	E	F	G	H	I	J	K	L	M
3	78	<b>95</b>	8	<b>60</b>	55	1	<b>10</b>	<b>5</b>	<b>25</b>	29	18	4

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
24	19	<b>100</b>	11	200	14	<b>50</b>	9	<b>0</b>	12	6	21	1700

	Answer	Letter
50c + 50 c	<b>€ 1</b>	<b>G</b>
Half a metre in centimetres	<b>50</b> cm	<b>T</b>
Minutes in 1 hour	<b>60</b> minutes	<b>E</b>
20c coins in €1	<b>5</b> coins	<b>I</b>
1 centimetre in millimetres	<b>10</b> mm	<b>H</b>

The second digit is EIGHT (8).



Challenge 3 –

Find the numbers the birthday cake is hiding.

4	8	12	16	20	24	28	32
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48	44	40	36	32	28	24	20
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80	72	64	56	48	40	32	24
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16	20	24	28	32	36	40	44
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8	16	24	32	40	48	56	64
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The number 32 occurs the most.

Digit total:  $3 + 2 = 5$

5 is the third digit