

# Codebreaker

## Can you crack the code?

Solve the calculations, then match the answers to the right letters to break the code and reveal the important message to Sonic.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
12	23	45	26	10	3	11	6	14	7	29	9	31

<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
20	32	19	30	8	35	50	17	42	16	18	21	1



	Answer	Letter
Count the rings. ○○○○○○○○○○		
Write the next odd number after 15.		
$2 \times 10$		

	Answer	Letter
$6 \div 2$		
3 groups of 4		
$29 + 6$		
$5 \times 10$		

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
12	23	45	26	10	3	11	6	14	7	29	9	31

<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
20	32	19	30	8	35	50	17	42	16	18	21	1



	Answer	Letter
Double 6		
Count back. Which number comes next? 40 35 30 25 _____		
10 + _____ = 36		

	Answer	Letter
$\frac{1}{4}$ of 12		
$4 + 8 + 2$		
$34 - 14$		
1 more than 25		

	Answer	Letter
$41 + 9$		
$\frac{1}{2}$ of 12		
Half of 20		

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
12	23	45	26	10	3	11	6	14	7	29	9	31

<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
20	32	19	30	8	35	50	17	42	16	18	21	1



Answer	Letter
$18 - 7$	
Write the total: 3 tens + 2 ones	
$\underline{\quad} - 5 = 4$	
Which number is even? 19   23   26   31	




Answer	Letter
$2 \times 4$	
$26 - 12$	
$\underline{\quad} + 23 = 43$	
Count forward. Which number comes next? 3   5   7   9 $\underline{\quad}$	
Write the missing number from the number line. 31   33 <span style="border: 1px solid black; display: inline-block; width: 40px; height: 20px; vertical-align: middle;"></span> 37   39	

# Codebreaker Answers

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
12	23	45	26	10	3	11	6	14	7	29	9	31

<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
20	32	19	30	8	35	50	17	42	16	18	21	1

	Answer	Letter
Count the rings. 	8	R
Write the next odd number after 15.	17	U
$2 \times 10$	20	N

	Answer	Letter
Double 6	12	A
Count back. Which number comes next? 40 35 30 25 _____	20	N
$10 + \underline{\quad} = 36$	26	D

	Answer	Letter
$6 \div 2$	3	F
3 groups of 4	12	A
$29 + 6$	35	S
$5 \times 10$	50	T

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
12	23	45	26	10	3	11	6	14	7	29	9	31

<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
20	32	19	30	8	35	50	17	42	16	18	21	1

	Answer	Letter
$\frac{1}{4}$ of 12	3	F
$4 + 8 + 2$	14	I
$34 - 14$	20	N
1 more than 25	26	D

	Answer	Letter
$18 - 7$	11	G
Write the total: 3 tens + 2 ones	32	O
_____ - 5 = 4	9	L
Which number is even? 19 23 26 31	26	D

	Answer	Letter
$41 + 9$	50	T
$\frac{1}{2}$ of 12	6	H
Half of 20	10	E

	Answer	Letter
$2 \times 4$	8	R
$26 - 12$	14	I
_____ + 23 = 43	20	N
Count forward. Which number comes next? 3 5 7 9 _____	11	G
Write the missing number from the number line. 31 33 <input type="text"/> 37 39	35	S



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