

Name

Date



CHRISTMAS MATH CHALLENGE 2C

CHRISTMAS CODEBREAKER

Work out the answers to the facts and then use the code breaker below to find the right letter and crack the code!

A	C	D	E	F	G	H	I	L	M	N	O	R	S	T	Y
4	12	3	24	30	48	42	36	7	5	72	40	56	6	32	63

Letter	C														
Number	12														
Fact	4x3	6x7	8x7	4x9	12÷2	8x4	10÷2	2x2	18÷3						



Letter															
Number															
Fact	8x6	7x8	3x8	6x4	4x8	9x4	8x9	6x8	30÷5						



Letter															
Number															
Fact	6x5	7x8	8x5	20÷4		16x2	7x6	2x12							



Letter															
Number															
Fact	30÷6	16÷4	2x16	6x7		24÷4	40÷10	21÷3	8÷2						

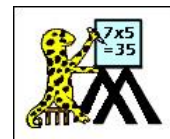


Letter															
Number															
Fact	35÷7	32÷8	9x8	21÷7	12x2	8x7	60÷10								



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CHRISTMAS MATH CHALLENGE 2C

CHRISTMAS CODEBREAKER ANSWERS

A	C	D	E	F	G	H	I	L	M	N	O	R	S	T	Y
4	12	3	24	30	48	42	36	7	5	72	40	56	6	32	63

Letter	C	H	R	I	S	T	M	A	S
Number	12	42	56	36	6	32	5	4	6
Fact	4×3	6×7	8×7	4×9	$12 \div 2$	8×4	$10 \div 2$	2×2	$18 \div 3$

Letter	G	R	E	E	T	I	N	G	S
Number	48	56	24	24	32	36	72	48	6
Fact	8×6	7×8	3×8	6×4	4×8	9×4	8×9	6×8	$30 \div 5$

Letter	F	R	O	M		T	H	E	
Number	30	56	40	5		32	42	24	
Fact	6×5	7×8	8×5	$20 \div 4$		16×2	7×6	2×12	

Letter	M	A	T	H		S	A	L	A
Number	5	4	32	42		6	4	7	4
Fact	$30 \div 6$	$16 \div 4$	2×16	6×7		$24 \div 4$	$40 \div 10$	$21 \div 3$	$8 \div 2$

Letter	M	A	N	D	E	R	S	.	
Number	5	4	72	3	24	56	6		
Fact	$35 \div 7$	$32 \div 8$	9×8	$21 \div 7$	12×2	8×7	$60 \div 10$		