

Christmas Code Breaker

A popular part of the build-up to Christmas for many people is attending a Christmas play. Many UK schools and churches act out the story of Jesus' birth. But how did this tradition begin?

The first Christmas play wasn't performed in a school in the UK. It was in a cave in Italy! St Francis and his followers told the story of the first Christmas using wooden figures for Mary, Joseph and Jesus. Later, people acted out the roles and sang songs to tell the story. Sometimes real animals were used, too!

Challenge

Solve the maths calculations on the following pages to spell out some Christmas play themed words, and a few jokes to make your audience smile!



a	b	c	d	e	f	g	h	i	j	k	l	m
1	3	5	7	9	11	12	14	15	16	18	20	22

n	o	p	q	r	s	t	u	v	w	x	y	z
24	25	30	35	40	45	50	55	60	70	80	90	100

Christmas Code Breaker

1.	Answer	Letter
7×1		
$56 - 31$		
12×2		
$30 - 12$		
$18 \div 2$		
9×10		

Spells: _____

2.	Answer	Letter
$65 - 20$		
$46 + 4$		
$100 - 99$		
$30 \div 10$		
$66 - 46$		
$45 \div 5$		

Spells: _____

3.	Answer	Letter
$10 \div 10$		
$47 - 23$		
$67 - 55$		
$18 \div 2$		
4×5		
9×5		

Spells: _____

4.	Answer	Letter
$90 - 45$		
$33 + 17$		
$51 - 50$		
8×5		

Spells: _____

5.	Answer	Letter
$100 - 76$		
$5 \div 5$		
10×5		
3×5		
6×10		
$42 - 27$		
$92 - 42$		
9×10		

Spells: _____

6.	Answer	Letter
$50 \div 10$		
$17 - 16$		
8×5		
5×5		
$100 - 80$		
$36 + 9$		

Spells: _____

Christmas Code Breaker Answers

1.	Answer	Letter
7×1	7	d
$56 - 31$	25	o
12×2	24	n
$30 - 12$	18	k
$18 \div 2$	9	e
9×10	90	y

Spells: **donkey**

2.	Answer	Letter
$65 - 20$	45	s
$46 + 4$	50	t
$100 - 99$	1	a
$30 \div 10$	3	b
$66 - 46$	20	l
$45 \div 5$	9	e

Spells: **stable**

3.	Answer	Letter
$10 \div 10$	1	a
$47 - 23$	24	n
$67 - 55$	12	g
$18 \div 2$	9	e
4×5	20	l
9×5	45	s

Spells: **angels**

4.	Answer	Letter
$90 - 45$	45	s
$33 + 17$	50	t
$51 - 50$	1	a
8×5	40	r

Spells: **star**

5.	Answer	Letter
$100 - 76$	24	n
$5 \div 5$	1	a
10×5	50	t
3×5	15	i
6×10	60	v
$42 - 27$	15	i
$92 - 42$	50	t
9×10	90	y

Spells: **nativity**

6.	Answer	Letter
$50 \div 10$	5	c
$17 - 16$	1	a
8×5	40	r
5×5	25	o
$100 - 80$	20	l
$36 + 9$	45	s

Spells: **carols**

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a	b	c	d	e	f	g	h	i	j	k	l	m
1	3	5	7	9	11	12	14	15	16	18	20	22

n	o	p	q	r	s	t	u	v	w	x	y	z
24	25	30	35	40	45	50	55	60	70	80	90	100

What is green, covered in berries and goes croak?

	11×2	3×5	$60 - 15$	10×5	$37 - 17$	$3 + 2 + 4$		5×10	$13 + 12$	$76 - 75$	$35 \div 5$
Answer											
Letter											

What do reindeer hang on their Christmas trees?

	7×2	5×5	4×10	$16 + 8$		$10 \div 10$	11×2	$18 \div 2$	$11 + 13$	$36 + 14$	9×5
Answer											
Letter											

What do you get if you eat Christmas decorations?

	$13 + 37$	$67 - 52$	$15 + 9$	$34 + 11$	3×5	10×2	$30 - 15$	$32 + 18$	$6 + 4 + 5$	$76 - 31$
Answer										
Letter										

What do you call Frosty the Snowman in May?

	$29 - 28$		3×10	11×5	$35 \div 5$	$14 \div 2$	$46 - 26$	$29 - 20$
Answer								
Letter								

What do elves learn at school?

	$26 + 24$	7×2	$18 \div 2$		$90 \div 10$	4×5	$110 \div 10$	$2 \div 2$	$6 \div 2$	$90 \div 10$	5×10
Answer											
Letter											

Christmas Code Breaker Answers

a	b	c	d	e	f	g	h	i	j	k	l	m
1	3	5	7	9	11	12	14	15	16	18	20	22

n	o	p	q	r	s	t	u	v	w	x	y	z
24	25	30	35	40	45	50	55	60	70	80	90	100

What is green, covered in berries and goes croak?

	11×2	3×5	$60 - 15$	10×5	$37 - 17$	$3 + 2 + 4$		5×10	$13 + 12$	$76 - 75$	$35 \div 5$
Answer	22	15	45	50	20	9		50	25	1	7
Letter	M	i	s	t	l	e		t	o	a	d

What do reindeer hang on their Christmas trees?

	7×2	5×5	4×10	$16 + 8$		$10 \div 10$	11×2	$18 \div 2$	$11 + 13$	$36 + 14$	9×5
Answer	14	25	40	24		1	22	9	24	50	45
Letter	H	o	r	n		a	m	e	n	t	s

What do you get if you eat Christmas decorations?

	$13 + 37$	$67 - 52$	$15 + 9$	$34 + 11$	3×5	10×2	$30 - 15$	$32 + 18$	$6 + 4 + 5$	$76 - 31$
Answer	50	15	24	45	15	20	15	50	15	45
Letter	T	i	n	s	i	l	i	t	i	s

What do you call Frosty the Snowman in May?

	$29 - 28$		3×10	11×5	$35 \div 5$	$14 \div 2$	$46 - 26$	$29 - 20$
Answer	1		30	55	7	7	20	9
Letter	A		p	u	d	d	l	e

What do elves learn at school?

	$26 + 24$	7×2	$18 \div 2$		$90 \div 10$	4×5	$110 \div 10$	$2 \div 2$	$6 \div 2$	$90 \div 10$	5×10
Answer	50	14	9		9	20	11	1	3	9	50
Letter	T	h	e		e	l	f	a	b	e	t