

Christmas Stocking Code Breaker

Amazing Christmas Stocking Stories

The origin of the Christmas stocking is possibly from a story about St Nicholas, upon whom Father Christmas is partly based.

In the story, a poor man doesn't have enough money to get his three daughters married. St Nicholas finds out about the man's plight, and he throws three bags of gold through an open window. In some versions of the story, the bags fall into three stockings hanging above the fireplace.

- In the twelfth century, inspired by the story of St Nicholas, French nuns would leave stockings full of fruit and nuts at the houses of the poor. The toe would contain an apple and the heel a tangerine.
- Some say the stockings are hung over the fireplace to catch any gold thrown down the chimney by Father Christmas.



Challenge

Solve the maths calculations on the following pages to spell out some Christmas stocking presents, the traditional names of Father Christmas's reindeer from the nineteenth century poem (see below) and where some people hang their stocking.

A	B	C	D	E	F	G	H	I	J	K	L	M
25	5	3	10	24	17	9	16	1	19	23	6	15

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
21	26	22	2	11	18	12	4	8	20	7	14	13

You might also want to find out about:

The number of Christmas stockings used to celebrate Christmas in different countries.

The poem written in the early nineteenth century telling the story of St Nicholas and the stockings which begins, "Twas the night before Christmas.."

Christmas Stocking Code Breaker Present Challenge

1.	Answer	Letter
105 - 87		
115 - 95		
101 - 77		
106 - 82		
111 - 99		
106 - 88		

Present: _____

2.	Answer	Letter
208 - 196		
209 - 183		
211 - 197		
209 - 191		

Present: _____

3.	Answer	Letter
304 - 287		
310 - 299		
301 - 297		
300 - 299		
305 - 293		

Present: _____

4.	Answer	Letter
503 - 481		
502 - 498		
509 - 496		
506 - 493		
501 - 495		
503 - 479		
509 - 491		

Present: _____

5.	Answer	Letter
701 - 687		
710 - 684		
707 - 693		
712 - 686		
715 - 697		

Present: _____



Christmas Stocking Code Breaker Present Challenge

6.	Answer	Letter
802 - 799		
807 - 791		
802 - 776		
801 - 798		
816 - 790		
805 - 799		
810 - 785		
808 - 796		
812 - 788		
801 - 798		
807 - 781		
800 - 799		
811 - 790		
806 - 788		

Present: _____

7.	Answer	Letter
1006 - 997		
1004 - 998		
1000 - 999		
1005 - 995		
1013 - 989		
1004 - 993		

Present: _____



Christmas Stocking Code Breaker Present Challenge **Answers**

1.	Answer	Letter
105 - 87	18	S
115 - 95	20	W
101 - 77	24	E
106 - 82	24	E
111 - 99	12	T
106 - 88	18	S

Present: **sweets**

2.	Answer	Letter
208 - 196	12	T
209 - 183	26	O
211 - 197	14	Y
209 - 191	18	S

Present: **toys**

3.	Answer	Letter
304 - 287	17	F
310 - 299	11	R
301 - 297	4	U
300 - 299	1	I
305 - 293	12	T

Present: **fruit**

4.	Answer	Letter
503 - 481	22	P
502 - 498	4	U
509 - 496	13	Z
506 - 493	13	Z
501 - 495	6	L
503 - 479	24	E
509 - 491	18	S

Present: **puzzles**

5.	Answer	Letter
701 - 687	14	Y
710 - 684	26	O
707 - 693	14	Y
712 - 686	26	O
715 - 697	18	S

Present: **yoyos**

Christmas Stocking Code Breaker Present Challenge **Answers**

6.	Answer	Letter
802 - 799	3	C
807 - 791	16	H
802 - 776	26	O
801 - 798	3	C
816 - 790	26	O
805 - 799	6	L
810 - 785	25	A
808 - 796	12	T
812 - 788	24	E
801 - 798	3	C
807 - 781	26	O
800 - 799	1	I
811 - 790	21	N
806 - 788	18	S

Present: **chocolate coins**

7.	Answer	Letter
1006 - 997	9	G
1004 - 998	6	L
1000 - 999	1	I
1005 - 995	10	D
1013 - 989	24	E
1004 - 993	11	R

Present: **glider**

Christmas Stocking Code Breaker Reindeer Challenge

1.	Answer	Letter
5×2		
5×5		
3×6		
4×4		
4×6		
$44 \div 4$		

Reindeer: _____

2.	Answer	Letter
2×5		
25×1		
7×3		
3×1		
6×4		
11×1		

Reindeer: _____

3.	Answer	Letter
11×2		
1×11		
$50 \div 2$		
3×7		
$9 \div 3$		
3×8		
$33 \div 3$		

Reindeer: _____

4.	Answer	Letter
2×4		
1×1		
$21 \div 3$		
8×3		
3×7		

Reindeer: _____

5.	Answer	Letter
$12 \div 4$		
13×2		
3×5		
12×2		
3×4		

Reindeer: _____

6.	Answer	Letter
$15 \div 5$		
$16 \div 4$		
2×11		
1×1		
10×1		

Reindeer: _____



Christmas Stocking Code Breaker Reindeer Challenge

7.	Answer	Letter
1×10		
13×2		
10.5×2		
7×3		
2×12		
$55 \div 5$		

Reindeer: _____

8.	Answer	Letter
$20 \div 4$		
$24 \div 4$		
$4 \div 4$		
$48 \div 4$		
$26 \div 2$		
24×1		
$84 \div 4$		

Reindeer: _____



Christmas Stocking Code Breaker Reindeer Challenge **Answers**

1.	Answer	Letter
5×2	10	D
5×5	25	A
3×6	18	S
4×4	16	H
4×6	24	E
$44 \div 4$	11	R

Reindeer: **Dasher**

2.	Answer	Letter
2×5	10	D
25×1	25	A
7×3	21	N
3×1	3	C
6×4	24	E
11×1	11	R

Reindeer: **Dancer**

3.	Answer	Letter
11×2	22	P
1×11	11	R
$50 \div 2$	25	A
3×7	21	N
$9 \div 3$	3	C
3×8	24	E
$33 \div 3$	11	R

Reindeer: **Prancer**

4.	Answer	Letter
2×4	8	V
1×1	1	I
$21 \div 3$	7	X
8×3	24	E
3×7	21	N

Reindeer: **Vixen**

5.	Answer	Letter
$12 \div 4$	3	C
13×2	26	O
3×5	15	M
12×2	24	E
3×4	12	T

Reindeer: **Comet**

6.	Answer	Letter
$15 \div 5$	3	C
$16 \div 4$	4	U
2×11	22	P
1×1	1	I
10×1	10	D

Reindeer: **Cupid**

Christmas Stocking Code Breaker Reindeer Challenge **Answers**

7.	Answer	Letter
1×10	10	D
13×2	0	O
10.5×2	21	N
7×3	21	N
2×12	24	E
$55 \div 5$	11	R

Reindeer: **Donner**

8.	Answer	Letter
$20 \div 4$	5	B
$24 \div 4$	6	L
$4 \div 4$	1	I
$48 \div 4$	12	T
$26 \div 2$	13	Z
24×1	24	E
$84 \div 4$	21	N

Reindeer: **Blitzen**

Christmas Stocking Code Breaker Location Challenge

1.	Answer	Letter
$\frac{1}{2}$ of 34		
$\frac{1}{6}$ of 6		
$\frac{1}{2}$ of 22		
$\frac{4}{5}$ of 30		
$\frac{2}{3}$ of 33		
$\frac{1}{2}$ of 12		
$\frac{1}{3}$ of 75		
$\frac{1}{4}$ of 12		
$\frac{2}{3}$ of 36		

Location: _____

2.	Answer	Letter
$\frac{1}{2}$ of 48		
$\frac{3}{4}$ of 28		
$\frac{2}{3}$ of 15		
$\frac{1}{2}$ of 52		
$\frac{1}{3}$ of 51		
$\frac{1}{3}$ of 36		
$\frac{4}{5}$ of 20		
$\frac{1}{3}$ of 72		
$\frac{1}{4}$ of 20		
$\frac{2}{3}$ of 36		
$\frac{1}{2}$ of 20		

Location: _____

3.	Answer	Letter
$\frac{4}{5}$ of 25		
$\frac{1}{2}$ of 50		
$\frac{2}{3}$ of 9		
$\frac{1}{4}$ of 24		

Location: _____

4.	Answer	Letter
$\frac{3}{4}$ of 24		
$\frac{2}{3}$ of 18		
$\frac{1}{4}$ of 100		
$\frac{1}{8}$ of 8		
$\frac{1}{3}$ of 33		
$\frac{1}{5}$ of 15		
$\frac{5}{8}$ of 40		
$\frac{3}{4}$ of 24		
$\frac{2}{5}$ of 60		
$\frac{1}{5}$ of 55		
$\frac{5}{6}$ of 30		
$\frac{1}{10}$ of 10		
$\frac{1}{5}$ of 30		
$\frac{1}{12}$ of 12		
$\frac{1}{2}$ of 42		
$\frac{3}{4}$ of 12		
$\frac{2}{3}$ of 27		

Location: _____

Christmas Stocking Code Breaker Location Challenge

5.	Answer	Letter
$\frac{1}{3}$ of 15		
$\frac{1}{10}$ of 250		
$\frac{3}{4}$ of 4		
$\frac{1}{2}$ of 46		
$\frac{2}{3}$ of 39		
$\frac{1}{4}$ of 68		
$\frac{1}{6}$ of 150		
$\frac{3}{4}$ of 4		
$\frac{4}{5}$ of 20		
$\frac{1}{5}$ of 125		
$\frac{1}{4}$ of 4		
$\frac{1}{4}$ of 44		

Location: _____



Christmas Stocking Code Breaker Location Challenge **Answers**

1.	Answer	Letter
$\frac{1}{2}$ of 34	17	F
$\frac{1}{6}$ of 6	1	I
$\frac{1}{2}$ of 22	11	R
$\frac{4}{5}$ of 30	24	E
$\frac{2}{3}$ of 33	22	P
$\frac{1}{2}$ of 12	6	L
$\frac{1}{3}$ of 75	25	A
$\frac{1}{4}$ of 12	3	C
$\frac{2}{3}$ of 36	24	E

Location: **fireplace**

2.	Answer	Letter
$\frac{1}{2}$ of 48	24	E
$\frac{3}{4}$ of 28	21	N
$\frac{2}{3}$ of 15	10	D
$\frac{1}{2}$ of 52	26	O
$\frac{1}{3}$ of 51	17	F
$\frac{1}{3}$ of 36	12	T
$\frac{4}{5}$ of 20	16	H
$\frac{1}{3}$ of 72	24	E
$\frac{1}{4}$ of 20	5	B
$\frac{2}{3}$ of 36	24	E
$\frac{1}{2}$ of 20	10	D

Location: **end of the bed**

3.	Answer	Letter
$\frac{4}{5}$ of 25	20	W
$\frac{1}{2}$ of 50	25	A
$\frac{2}{3}$ of 9	6	L
$\frac{1}{4}$ of 24	6	L

Location: **wall**

4.	Answer	Letter
$\frac{3}{4}$ of 24	18	S
$\frac{2}{3}$ of 18	12	T
$\frac{1}{4}$ of 100	25	A
$\frac{1}{8}$ of 8	1	I
$\frac{1}{3}$ of 33	11	R
$\frac{1}{5}$ of 15	3	C
$\frac{5}{8}$ of 40	25	A
$\frac{3}{4}$ of 24	18	S
$\frac{2}{5}$ of 60	24	E
$\frac{1}{5}$ of 55	11	R
$\frac{5}{6}$ of 30	25	A
$\frac{1}{10}$ of 10	1	I
$\frac{1}{5}$ of 30	6	L
$\frac{1}{12}$ of 12	1	I
$\frac{1}{2}$ of 42	21	N
$\frac{3}{4}$ of 12	9	G
$\frac{2}{3}$ of 27	18	S

Location: **staircase railings**

Christmas Stocking Code Breaker Location Challenge **Answers**

5.	Answer	Letter
$\frac{1}{3}$ of 15	5	B
$\frac{1}{10}$ of 250	25	A
$\frac{3}{4}$ of 4	3	C
$\frac{1}{2}$ of 46	23	K
$\frac{2}{3}$ of 39	26	O
$\frac{1}{4}$ of 68	17	F
$\frac{1}{6}$ of 150	25	A
$\frac{3}{4}$ of 4	3	C
$\frac{4}{5}$ of 20	16	H
$\frac{1}{5}$ of 125	25	A
$\frac{1}{4}$ of 4	1	I
$\frac{1}{4}$ of 44	11	R

Location: **back of a chair**