

Halloween Code Breaker

Amazing Halloween Records

- The largest gathering of skeletons was achieved by the students of Swansea University when 2018 of them were dressed up as skeletons in one place.
- Artist Scott Cully from the USA is considered an expert on large pumpkins. Not only does he hold the world record for the heaviest pumpkin (821.23kg) but on the 30th of October 2010 he also carved it into the world's largest pumpkin lantern, bagging himself a second world record!

Challenge

Solve the maths calculations on the following pages to spell out some Halloween words and some terrible jokes using the code below:



A	B	C	D	E	F	G	H	I	J	K	L	M
26	25	24	23	22	21	20	19	18	17	16	15	14

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
13	12	11	10	9	8	7	6	5	4	3	2	1

1.

	Answer	Letter
$32 \div 4$		
4×4		
$66 \div 3$		
$45 \div 3$		
2×11		
$70 \div 10$		
3×4		
6.5×2		

Spells: _____

3.

	Answer	Letter
$38 \div 2$		
$52 \div 2$		
$66 \div 11$		
$39 \div 3$		
$21 \div 3$		
$88 \div 4$		
$46 \div 2$		

Spells: _____



2.

	Answer	Letter
2×5.5		
$18 \div 3$		
$28 \div 2$		
$55 \div 5$		
$2 \times 2 \times 2 \times 2$		
$36 \div 2$		
$26 \div 2$		

Spells: _____

4.

	Answer	Letter
2×10		
9.5×2		
$48 \div 4$		
$88 \div 11$		
$56 \div 8$		
$57 \div 3$		
$60 \div 10$		
$52 \div 4$		
$49 \div 7$		
$44 \div 2$		
$99 \div 11$		

Spells: _____

5.

	Answer	Letter
$190 \div 10$		
$260 \div 10$		
0.6×10		
1.3×10		
0.7×10		
$2200 \div 100$		
$2300 \div 100$		
1.9×10		
1.2×10		
$600 \div 100$		
0.8×10		
2.2×10		

Spells: _____

7.

	Answer	Letter
$700 \div 100$		
0.9×10		
2.6×10		
$1300 \div 100$		
$800 \div 100$		
0.02×100		
1.5×10		
$500 \div 100$		
$2600 \div 100$		
$(2.6 \times 10) \div 2$		
1.8×10		
0.26×100		

Spells: _____

6.

	Answer	Letter
2.3×10		
$60 \div 10$		
$130 \div 10$		
$2000 \div 100$		
$220 \div 10$		
$120 \div 10$		
0.13×100		

Spells: _____

8.

	Answer	Letter
$230 \div 10$		
0.22×100		
$2 \times (1.1 \times 10)$		
1.1×10		
0.23×100		
$2 \times (1.3 \times 10)$		
$90 \div 10$		
0.16×100		
0.04×100		
$1200 \div 100$		
0.12×100		
$(4.6 \times 10) \div 2$		

Spells: _____

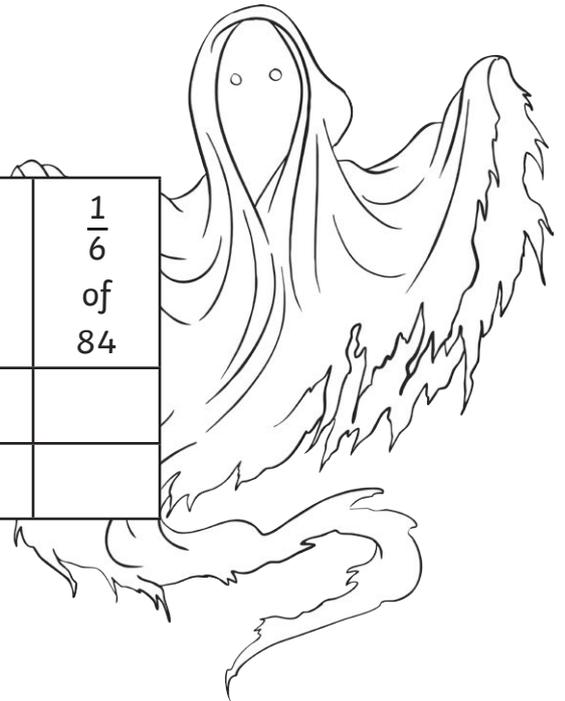
9. What do you call a witch who lives at the beach?

	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{7}$	$\frac{1}{10}$	$\frac{1}{2}$
	of	of	of	of	of	of	of	of	of	of
	104	40	78	39	92	40	54	49	240	38
Answer										
Letter										

Spells: _____

10. What did the ghost eat with its jelly?

	$\frac{9}{12}$	$\frac{1}{100}$	$\frac{6}{7}$	$\frac{1}{9}$	$\frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{6}$
	of	of	of	of	of	of	of
	24	800	28	81	110	52	84
Answer							
Letter							



Spells: _____

11. What instrument did the skeleton play?

	$\frac{1}{12}$	$\frac{1}{6}$	$\frac{11}{12}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{3}{7}$	$\frac{7}{9}$	$\frac{1}{5}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{11}{15}$
	of	of	of	of	of	of	of	of	of	of	of
	84	114	24	56	24	28	18	125	144	91	30
Answer											
Letter											

Spells: _____

Halloween Code Breaker Answers

1. **skeleton**
2. **pumpkin**
3. **haunted**
4. **ghost hunter**
5. **haunted house**
6. **dungeon**
7. **Transylvania**
8. **deep dark wood**
9. What do you call a witch who lives at the beach?
A sand-witch
10. What did the ghost eat with its jelly?
I scream
11. What instrument did the skeleton play?
The trom-bone

