

# Year 5 Christmas Activity Booklet



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# Mental Calculations Christmas Challenge



Look at the varied addition and subtraction calculations below and work your way through them. See how many points you can score. You could play against others or set yourself a time limit.

Scoring system:

Score 2 points for every correct answer achieved after using a written method of calculation.

Score 0 points for any incorrect answer achieved after using a written method of calculation.

Score 3 points for every correct answer achieved after a mental calculation

Score 1 point for each incorrect answer achieved after using a mental calculation.

1.  $68 + 45 + 17 =$


2.  $14.6 + 6.14 =$


3.  $78 - 53 =$


4.  $42 + 43 + 44 =$


5.  $9999 + 3 =$


6.  $456 - 111 =$


7.  $0.73 + 0.37 =$


8.  $100 - 0.1 =$


9.  $28.2 + 99 =$




# Mental Calculations Christmas Challenge

10.  $134 + 375 =$


11.  $4586 - 1471 =$

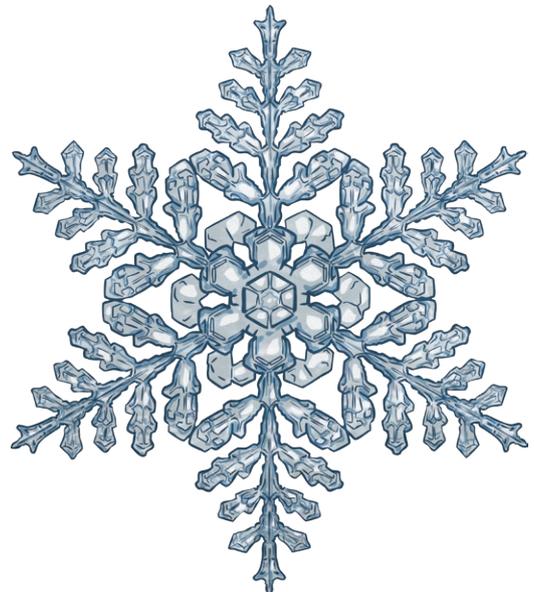

12.  $47\ 001 - 59 =$


13.  $27 - 53 =$


14.  $100\ 000 - 10\ 000 =$


15.  $5362 + 99 =$


16.  $408 - 19 =$

I scored  points.



## Amazing Christmas Stocking Stories

The origin of the Christmas stocking is possibly from a story about St Nicholas. 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.

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: \_\_\_\_\_





6.	Answer	Letter
802 - 799		
807 - 791		
802 - 776		
801 - 798		
816 - 792		
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: \_\_\_\_\_





# MojiMaths Christmas Challenge

Each emoji represents a number. Work out the number each emoji represents. Find the answer to the final two calculations.

---

1. 10% of   = 5

---

2. <sup>2</sup>  = 16

---

3.   ×   = 200

---

4.   ×   = 48

---

5.   -   = 88

---

6.   +   +   = 72

---

7. <sup>3</sup>  = 125

---

8.   ÷   = 25

---

9.   ×   =

---

10. (  × ) +   =

---



Use this picture as inspiration to carefully think and write a short paragraph.



Sentence 1: Include an apostrophe for plural possession.

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Sentence 2: Start with a fronted adverbial.

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Sentence 3: Use a dash or dashes to indicate parenthesis.

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Sentence 4: Include a relative clause.

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Sentence 5: Use a modal verb.

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# Christmas Word Scramble

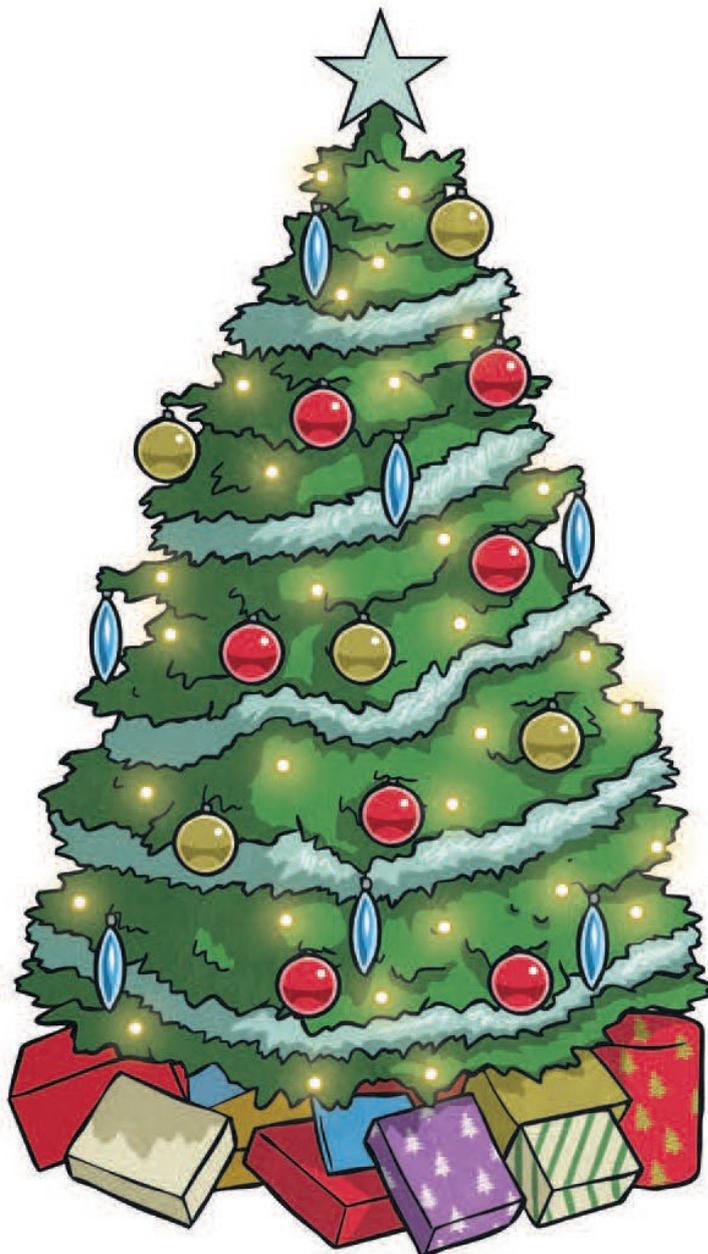
Can you use some of your words in Christmas-themed sentences?

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# Christmas Crossword



Solve the festive clues below and spell the words correctly to reveal the hidden word.

A crossword puzzle grid with 11 numbered starting points. The grid consists of white squares for letters and green shaded squares for empty space. The numbers are: 1 (horizontal, 8 squares), 2 (vertical, 3 squares), 3 (horizontal, 5 squares), 4 (vertical, 2 squares), 5 (horizontal, 7 squares), 6 (vertical, 10 squares), 7 (horizontal, 4 squares), 8 (horizontal, 3 squares), 9 (horizontal, 5 squares), 10 (vertical, 6 squares), and 11 (horizontal, 7 squares). The grid is positioned such that the words intersect to form a hidden word.

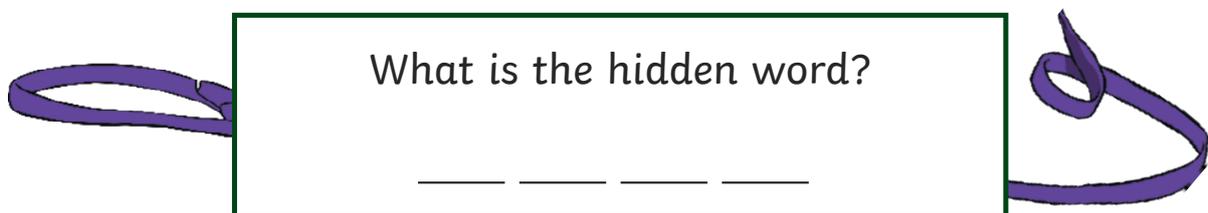


## Across

1. What you hope to find beneath the tree on Christmas morning.
3. The month that Christmas is celebrated in.
5. Hang one of these on your fireplace to be filled with presents.
7. Gabriel is one of these.
9. Santa sometimes uses this to enter your home.
11. Father Christmas is also known as Saint \_\_\_\_\_.

## Down

2. You may put one of these on top of your Christmas tree.
4. A type of pie popular at Christmas time.
5. The vehicle that Father Christmas rides in.
6. Rudolph, Prancer and Vixen are all this type of animal.
8. Some people go to church at this time on Christmas Eve.
10. You open this type of calendar in the lead-up to Christmas.



What does the hidden word mean? Use a dictionary or research in your own way.

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## Festive Word Morphs

The Festive Word Morphs game is about building word chains by changing one letter at a time. Use the clues to help you figure out the word which is only one letter different to the word above it. See if you can complete the chain to change the first word into the last word. An example has been done for you.



Something that doesn't cost any money is...

If you run away from something, you...

If you are happy, your face can light up with...

<b>t</b>	<b>r</b>	<b>e</b>	<b>e</b>
f	r	e	e
f	l	e	e
g	l	e	e
<b>g</b>	<b>l</b>	<b>u</b>	<b>e</b>



# Festive Word Morphs

The past tense of 'go'.

I \_\_\_\_\_ to go and see Santa.

To breathe heavily in short, quick breaths.

**s e n t**

**p a s t**

Another word for an elevator.

The opposite direction to right.

The past tense of the word 'lend'.

**g i f t**

**s e n t**

Something you can use to catch small animals.

A piece of board which can be used to carry food and drinks on.

Something religious people do to communicate with their God.

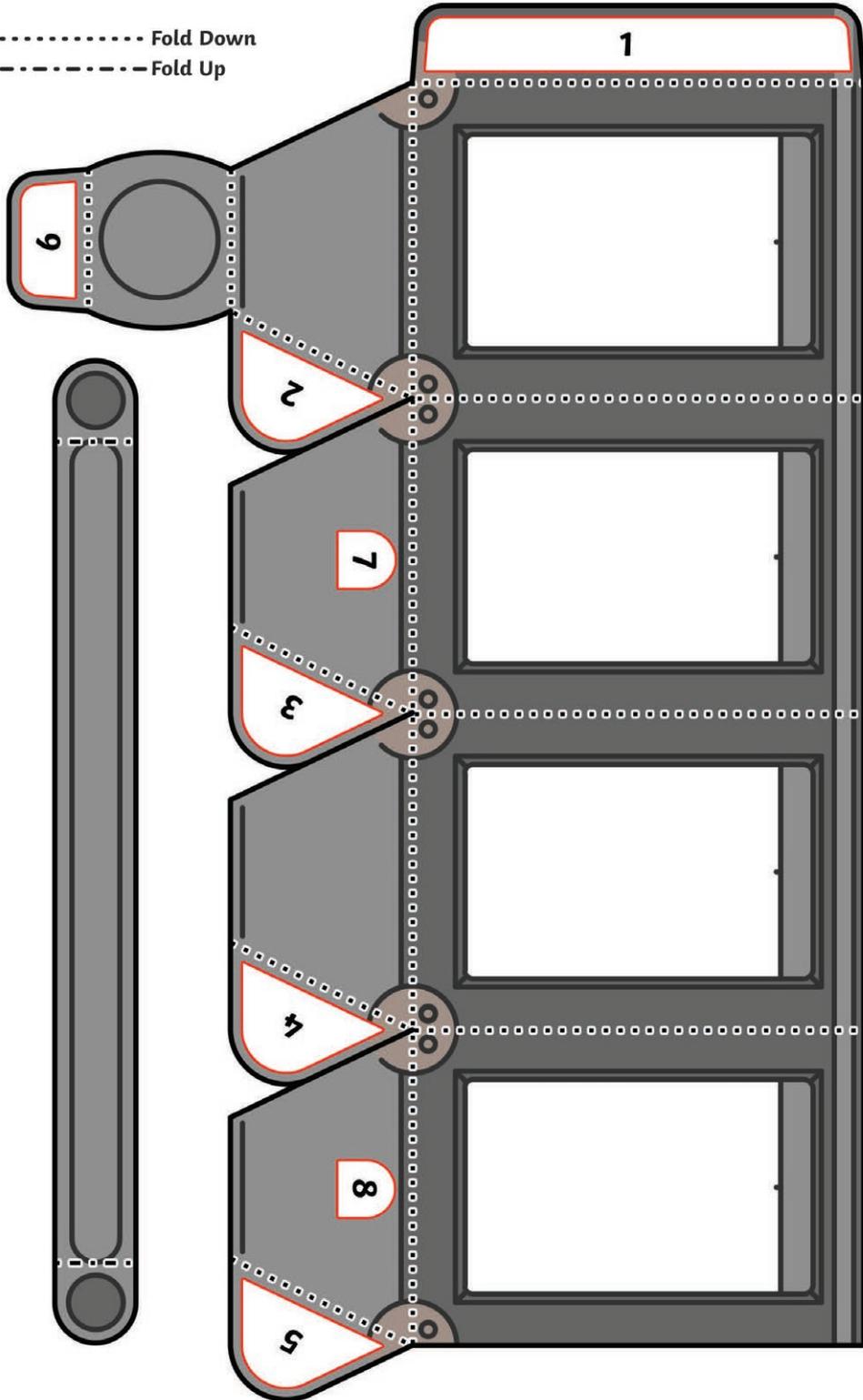
**w r a p**

**p l a y**



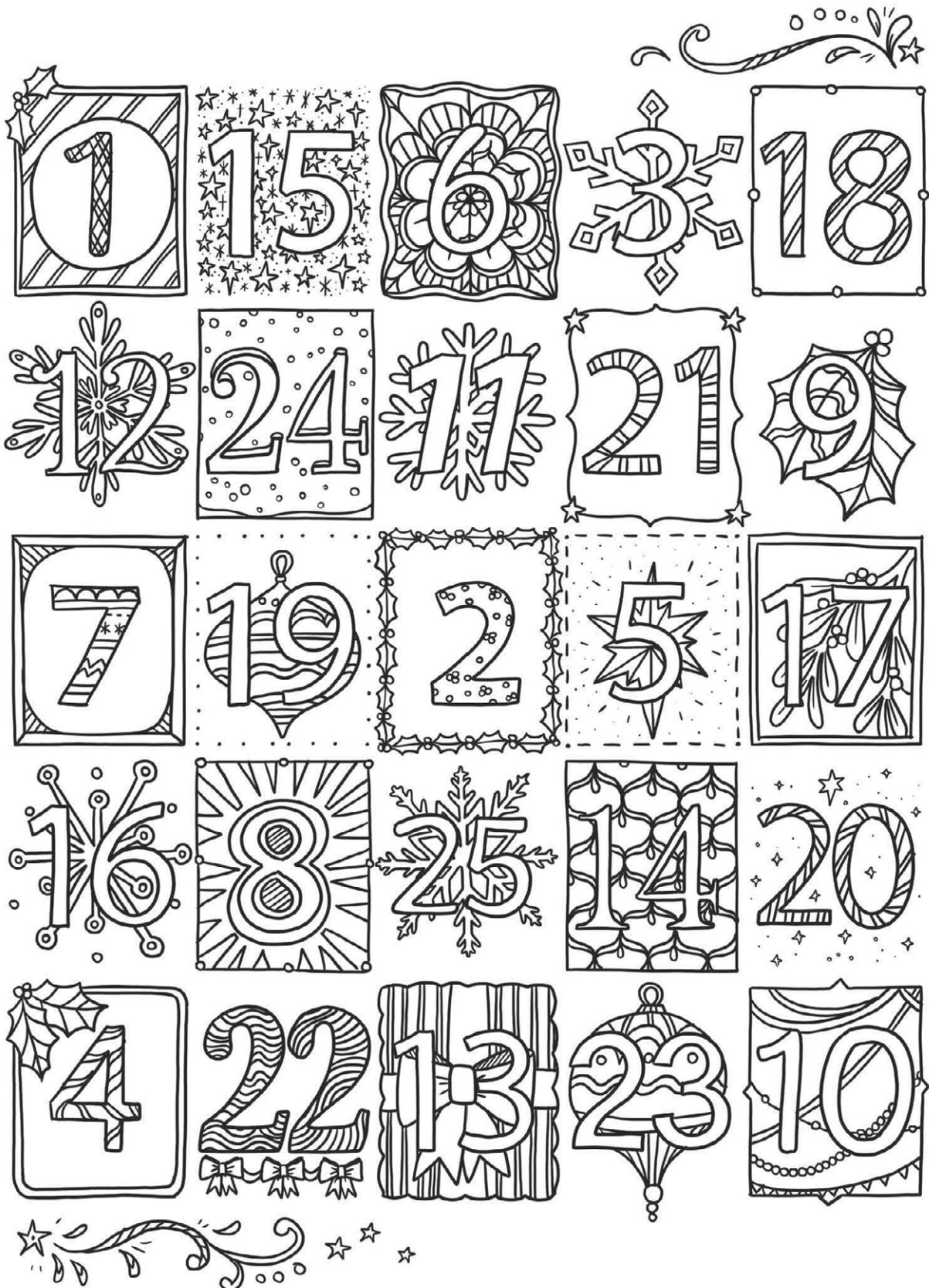
## 3D Christmas Lantern

..... Fold Down  
- - - - - Fold Up





# Mindfulness Christmas Advent Calendar Colouring



# Reindeer Gingerbread Biscuits Recipe



## Ingredients:

- 125g butter (chopped up)
- 350g plain flour (plus extra for rolling out)
- 175g soft brown sugar
- 4 tablespoons golden syrup
- 1 free range egg
- 1 teaspoon bicarbonate of soda
- 2 teaspoons ground ginger
- 1 teaspoon ground cinnamon
- Tubes of icing for decoration

Makes 20

## Equipment:

- Large mixing bowl
- Small mixing bowl
- Sieve
- Wooden spoon or spatula
- Weighing scales
- Gingerbread person-shaped cutter
- Two baking sheets
- Baking paper
- Wire cooling rack
- Cling film

## What to do

1. Sift the flour, bicarbonate of soda, ginger and cinnamon together in the large mixing bowl.
2. Add the butter and rub it into the dry ingredients until it looks like breadcrumbs.
3. Stir in the sugar.



# Reindeer Gingerbread Biscuits Recipe



4. In the small mixing bowl, beat the egg and golden syrup together. Stir this mixture into the large mixing bowl until it forms a ball that looks like dough.
5. Sprinkle some flour on to the work surface and tip the dough out. Knead it for a few minutes, until it is smooth.
6. Then, wrap it in cling film and chill it in the fridge for 15 minutes.
7. Ask an adult to preheat the oven to 180°C (160°C for a fan oven).
8. Cover two baking sheets with baking paper.
9. Sprinkle some flour on to the work surface again and roll the dough out until it is 0.5cm thick.
10. Use the gingerbread people cutters to cut out 20 shapes. Then, place them on to the baking sheets, leaving a gap between each shape.
11. Ask an adult to put the baking sheets into the oven and bake for 12 – 15 mins. An adult will need to remove the baking sheets from the oven as they will be hot!
12. Leave the biscuits on the baking sheets for 10 minutes and then move each one on to a wire rack to cool.
13. Turn the biscuits upside down so that they no longer look like people. Instead, think of the legs as antlers and they become reindeer!
14. Decorate the reindeer with patterned antlers and reindeer faces, including a red nose like Rudolph!





# KS2 Christmas Food Wordsearch

## Christmas Food

c a n d y c a n e s t m  
m u l l e d w i n e l i  
t y e s t u f f i n g n  
u u p u d d i n g g t c  
r l b o i l e d h a m e  
k e w e r f g b t j n p  
e l s a t s u m a s k i  
y o l f r u i t c a k e  
g g h j n j k u l u i s  
v e g e t a b l e s g h  
g g i n g e r b r e a d  
c r a n b e r r i e s j

pudding  
turkey  
mince pies  
gingerbread

candy canes  
yule log  
boiled ham  
stuffing

vegetables  
mulled wine  
fruitcake  
cranberries

satsumas



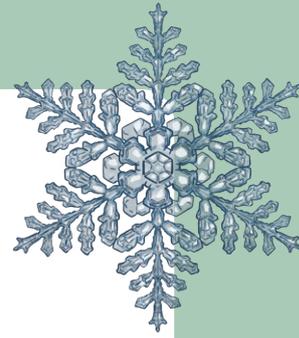
# Year 5 Christmas Activity Booklet Answers



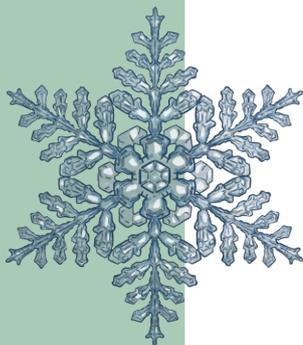
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# Mental Calculations Christmas Challenge



- 1** 130
- 2** 20.74
- 3** 25
- 4** 129
- 5** 10 009
- 6** 345
- 7** 1.1
- 8** 99.9
- 9** 127.2
- 10** 509
- 11** 3115
- 12** 46 942
- 13** -26
- 14** 90 000
- 15** 5461
- 16** 389



# Christmas Stocking Code Breaker Present Challenge



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

Present: **sweets**

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

Present: **toys**

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

Present: **fruit**

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

Present: **puzzles**

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

Present: **yoyos**

6.	Answer	Letter
802 - 799	<b>3</b>	<b>C</b>
807 - 791	<b>16</b>	<b>H</b>
802 - 776	<b>26</b>	<b>O</b>
801 - 798	<b>3</b>	<b>C</b>
816 - 792	<b>26</b>	<b>O</b>
805 - 799	<b>6</b>	<b>L</b>
810 - 785	<b>25</b>	<b>A</b>
808 - 796	<b>12</b>	<b>T</b>
812 - 788	<b>24</b>	<b>E</b>
801 - 798	<b>3</b>	<b>C</b>
807 - 781	<b>26</b>	<b>O</b>
800 - 799	<b>1</b>	<b>I</b>
811 - 790	<b>21</b>	<b>N</b>
806 - 788	<b>18</b>	<b>S</b>

Present: **chocolate coins**

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

Present: **glider**



# MojiMaths Christmas Challenge

1.  $10\%$  of  $50 = 5$
2.  $4^2 = 16$
3.  $4 \times 50 = 200$
4.  $12 \times 4 = 48$
5.  $100 - 12 = 88$
6.  $24 + 24 + 24 + = 72$
7.  $5^3 = 125$
8.  $100 \div 4 = 25$
9.  $5 \times 12 = 60$
10.  $4 \times 5 = 20$        $20 + 50 = 70$

## Christmas Chaos



Sentence 1: Include an apostrophe for possession.

**My nan's Christmas tree doesn't stand a chance this year.**

Sentence 2: Start with a fronted adverbial.

**Since the arrival of her rescue cat, we have had to hide anything shiny.**

Sentence 3: Use a dash or dashes to indicate parenthesis.

**She likes to take 'treasures' to her bed – sometimes she acts more like a magpie than a cat.**

Sentence 4: Include a relative clause.

**Nan says the cat might end up pulling the electrical wires, which could cause a fire.**

Sentence 5: Use a modal verb.

**Because of this, she might have to take the tree down early.**



# Christmas Word Scramble

DOECMTACAMO	a c c o m m <b>o</b> d a t e
RAAHSS	h a r a s s
FYTRO	f o r t <b>y</b>
NENTACI	a n c <b>i</b> e n t
HUNREBGIO	n e i g h b o u r
SAEMLRUOLV	m a r v e <b>l</b> o u s
TAUTPREMRE	t e m p e r <b>a</b> t u r e
HEMYR	r <b>h</b> y m e
TWLEFTH	t w e l f t h
CYATH	y a c h t

Can you use some of your words in Christmas-themed sentences?

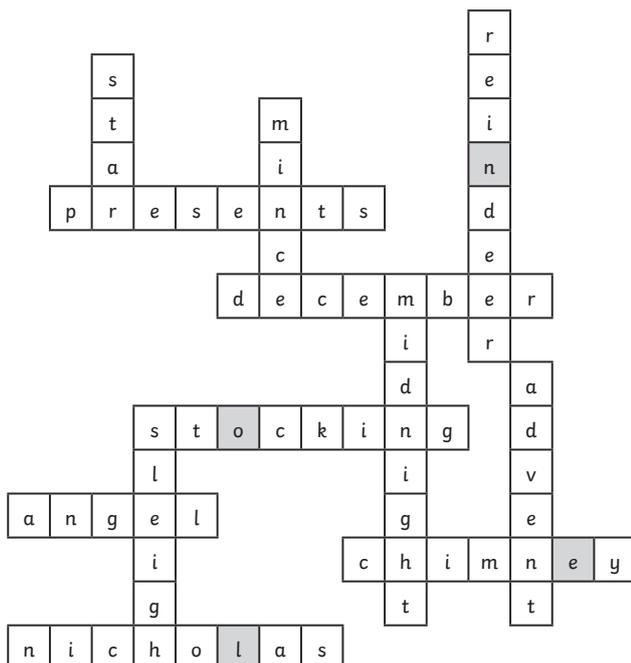
### Example sentences:

**We always take our Christmas tree down on twelfth night.**

**My wealthy neighbour got a yacht for Christmas this year.**

(Hidden word = holiday)

# Christmas Crossword



The hidden word is **noel**.

Noel is another word for Christmas and can also refer to Christmas carols.

In a sentence: 'We sang a **noel** around the manger.'



# Festive Word Morphs

The completed word morphs should read as follows:

sent → went → want → pant → past

gift → lift → left → lent → sent

wrap → trap → tray → pray → play

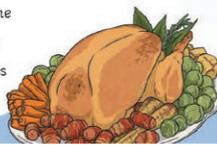
# KS2 Christmas Food Wordsearch



## Christmas Food

c a n d y c a n e s t m  
 m u l l e d w i n e l i  
 t y e s t u f f i n g n  
 u u p u d d i n g g t c  
 r l b o i l e d h a m e  
 k e w e r f g b t j n p  
 e l s a t s u m a s k i  
 y o l f r u i t c a k e  
 g g h j n j k u l u i s  
 v e g e t a b l e s g h  
 g g i n g e r b r e a d  
 c r a n b e r r i e s j

- |             |             |             |          |
|-------------|-------------|-------------|----------|
| pudding     | candy canes | vegetables  | satsumas |
| turkey      | yule log    | mulled wine |          |
| mince pies  | boiled ham  | fruitcake   |          |
| gingerbread | stuffing    | cranberries |          |



## Christmas Food Answers

~~c a n d y c a n e s t m~~  
~~m u l l e d w i n e l i~~  
~~t y e s t u f f i n g n~~  
~~u u p u d d i n g g t c~~  
~~r l b o i l e d h a m e~~  
~~k e w e r f g b t j n p~~  
~~e l s a t s u m a s k i~~  
~~y o l f r u i t c a k e~~  
~~g g h j n j k u l u i s~~  
~~v e g e t a b l e s g h~~  
~~g g i n g e r b r e a d~~  
~~c r a n b e r r i e s j~~

- |             |             |             |          |
|-------------|-------------|-------------|----------|
| pudding     | candy canes | vegetables  | satsumas |
| turkey      | yule log    | mulled wine |          |
| mince pies  | boiled ham  | fruitcake   |          |
| gingerbread | stuffing    | cranberries |          |