

Addition and Subtraction Multi-step Problems

1. A Christmas tree producer has 14 630 trees growing. The producer harvests 8452 trees in November for selling to local shops and suppliers and plants 9013 new trees in their place. How many trees does he have growing now?



Addition and Subtraction Multi-step Problems

2. A supermarket orders 345 small turkeys, 265 medium turkeys and 190 large turkeys. After selling 682 turkeys, how many are left unsold?



Addition and Subtraction Multi-step Problems

5. A bookshop orders 956 new books it expects to be popular Christmas presents. There are four different books, and the following numbers are sold: 128, 97, 347, 72. How many books are left over?

Addition and Subtraction Multi-step Problems

3. Jessica goes shopping to buy her family some Christmas presents. She has £36.65. She spends £14.49 on a present for her mother, £9.75 on a present for her father and £7.20 on a present for her brother. How much money does she have left?



Addition and Subtraction Multi-step Problems

4. A school holds a Christmas charity disco for a local charity. The expenses are £45 for a DJ, £21.67 for drink and £56.36 for the food. The ticket sales make £198.50, and the food and drink sells for £176.28. How much profit has been raised for charity?

Addition and Subtraction Multi-step Problems

6. Dylan and his brother Lucas save up to buy their father a football shirt from his favourite team for Christmas. By the end of November, Dylan has £13.45 and Lucas £16.82. The shirt costs £39.75. How much more money do they need to save?



Addition and Subtraction Multi-step Problems

7. A family book a skiing holiday for Christmas. Their budget is £2450. The flights cost £1067 and the accommodation £765.50. How much will they have left to spend?



Christmas Maths Mosaic

Some answers have a special colour, shown below. Leave the other answers white.

52 = red

48 = brown

25 = light brown

99 = black

$7 \times 4 + 50$	$120 - 48$	$123 - 45 + 3$	$10 \times 4 + 2$	$2 \times 3 + 26$	$6 + 17 + 2$	$48 - 12 + 30$	$4 \times 4 - 12$	5×5
$120 + 12 + 16$	$6 \times 8 + 2$	$12 + 32 + 16$	$9 \times 8 + 2$	9×4	$60 + 5$	$100 - 75$	$12 \times 6 + 5 - 3$	$100 + 4$
$500 - 125$	$15 \times 2 + 4$	$12 + 62$	$9 \times 3 - 4$	$(2 + 3) \times (6 + 2)$	$8 \times 5 - 17$	$27 + 3 + 9$	$(32 + 8) - 15$	$6 \times 4 + 1$
$108 - 50$	11×8	$12 \times 2 - 21$	$30 + 5 + 6$	$53 + 12 - 8$	$84 + 2 + 6$	$8 \times 5 + 8$	12×4	$12 + 57 + 2$
$12 + 3 + 9$	$10 \times 8 + 15$	$84 + 12$	$6 \times 8 + 15$	$39 + 9$	$6 \times 4 \times 2$	$200 - 152$	$98 - 50$	$4 \times 10 + 8$
$7 \times 4 - 19$	$90 - 47 + 2$	12×3	$56 - 4 \times 2$	$6 + 12 + 9 + 21$	$200 - 75$	$5 + 9 + 7 + 3$	$8 \times 8 - 16$	$348 - 300$
$8 \times 4 - 14$	$50 + 10 + 22$	$84 - 36$	$4 \times 7 + 20$	$12 \times 2 \times 2$	11×9	34×2	$90 + 2 + 3$	$3 \times 4 \times 4$
$24 + 2 + 9$	$64 - 12$	$(6 + 2) \times 6$	$12 \times 3 + 12$	$100 + 2 - 2$	$19 + 20 + 9$	$10 \times 6 - 12$	$27 + 11 + 10$	$8 \times 4 + 16$
$5 \times 10 + 2$	26×2	$37 + 11$	$9 \times 5 + 3$	$6 \times 4 \times 2$	$11 \times 4 + 2 + 2$	24×2	$16 + 2 + 40$	$95 - 48$
$48 - 36$	$12 \times 3 + 6$	$10 \times 5 + 15$	$8 + 11 + 24$	$10 \times 5 - 2$	$100 - 50 - 2$	$28 + 12 + 8$	$3 \times 6 + 30$	$100 - 23$

Year 3 and 4 Christmas Maths competition

Answer the questions and use the alphabet to help you spell out the answer. Good luck!

a	b	c	d	e	f	g	h	i	j	k	l	m
1	2	3	4	5	6	7	8	9	10	11	12	13

n	o	p	q	r	s	t	u	v	w	x	y	z
14	15	16	17	18	19	20	21	22	23	24	25	26

	Answer	Letter
45 - 25		
4 × 2		
How many sides does a pentagon have?		
The number of hundreds in 6552.		
If a square flower bed has a perimeter of 48m, what is the length of one side?		
$\frac{1}{3}$ of 18		
1501 - 1478		
The number of minutes between 17:51 and 18:06.		
XXV - VII		
20 ÷ 4		
The number of ones in the answer to 105 ÷ 5		
58 - 39 =		
200 ÷ 10		
6 × 3		
If there are 27 biscuits to be shared between three plates, how many biscuits will be on each plate?		
4 lots of 4		
Lydia has £50. She spends half of the money on a bag. How much money does she have left?		
71 - 53		
60 ÷ 12		
36 ÷ 9		
24, 72, 16 and 32 are multiples of which number?		
2319 - 2318		
2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2		

What does the answer spell out?

Year 2 Christmas Maths competition

Christmas Maths Word Problem

Olly the elf bought some mulled punch that cost 28p. He paid for it exactly with 4 coins.

What coins did he use?



Christmas Maths Word Problem

Santa buys some tinsel for 30p. He gives £1.00.

How much change should he get?



Christmas Maths Word Problem

Santa has 28 fish in his pond. 16 of them are orange. How many are not orange?



Christmas Maths Word Problem

You have 100g of chocolate to make cookies with. One cookie needs 10g of chocolate. How many cookies can you make?



Christmas Maths Word Problem

A sack of presents weighs 5kg. Santa had to carry 5 sacks.

How many kg was Santa carrying?



Christmas Maths Word Problem

How many 10p coins do I need to buy a present that is 78p?



Christmas Maths Word Problem

22 penguins and 35 polar bears are waiting outside for Santa. How many animals are waiting altogether?



Christmas Maths Word Problem

Alex the elf walked to work and set off at 8.00. She arrived at the workplace at 8.45.


How long did it take her to walk to work?



Year 1 Christmas Maths competition


Christmas Maths Word Problems Challenge Cards

A chocolate coin costs 6p. What 2 coins do I need to buy one?




Christmas Maths Word Problems Challenge Cards

A chocolate coin costs 8p. A chocolate teddy costs 20p more. How much does a chocolate teddy cost?



Christmas Maths Word Problems Challenge Cards

I have a number in my head and I add 4. The answer is 8. What is my number?




Christmas Maths Word Problems Challenge Cards

How many gloves would be in 3 pairs?




Christmas Maths Word Problems Challenge Cards

Christmas trees have five baubles on them. How many baubles would be on four Christmas trees?



Christmas Maths Word Problems Challenge Cards

Rudolph ate 2 carrots on Monday, 3 carrots on Tuesday and 6 carrots on Wednesday. How many did he eat altogether?



Christmas Maths Word Problems Challenge Cards

How many toes does Santa have on his feet if he has two feet?



Christmas Maths Word Problems Challenge Cards

Crackers cost 10p each. How much do four crackers cost altogether?

