

Mixed operation problems

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WALT : solve worded problems, deciding which operation to use.



1. Over Christmas Jane ate 30 sweets. Sam ate twice as many as Jane. How many sweets did they eat altogether?
2. Tom gave Bill 4 presents for Christmas. Bill gave Tom the same number. Simon gave Bill and Tom 2 presents each. Bill and Tom bought Simon 4 presents between them. How many presents were given altogether by all 3 boys?
3. Mrs Jones bought 24 cupcakes for her family. Mr Jones ate 4 on Christmas Eve, their son Eric ate 3 on Christmas Day. Susan, their daughter ate 2 on boxing day and Mrs Jones ate 1. How many cupcakes altogether were eaten?
4. How many cupcakes were left after the Jones family had eaten some?
5. Peter had a pack of 14 felt pens for Christmas. He used 4 of them until they ran out of ink. How many working felt pens were left?
6. Sarah scored 6 in a game played over Christmas. Her brother, Neil scored twice as much as Sarah. What was Neil`s score?
7. If Sarah and Neil`s mother scored 3 times as much as Sarah, what was her score?
8. If Sarah and Neil`s older brother James scored 4 times as much as Neil, what was his score?
9. The winner of the game was the person with the highest score. Who won?

10. In a box of Celebrations chocolates there were 15 chocolates left. If there were 60 chocolates to begin with, how many had been eaten?

11. Mrs Rees had 40 chocolate coins to share equally with her 8 children. How many coins did each child get?

12. Anna watched Christmas films. She watched Elf twice, all 3 Santa clause films once and her favourites, Home Alone, 6 times and Home Alone 2, 5 times. How many times did Anna watch films?

13. If each film lasted 2 hours. How many hours did Anna spend watching Christmas films?

14. An online Pantomime of Cinderella was played over New Year. The first half lasted for 1 hour and a half. There was a 15 minute interval and the second half lasted for an hour. How long was the Panto altogether, including the interval?

15. If the Pantomime started at 6pm. What time did it finish?

16. A group of 6 actors performed in a mini play. If each actor took turns spending the same amount of time performing alone on the stage. How long would each actor be on stage during an hour?

17. Jenny bought a gift for Michael which cost £15.50p. Michael spent twice as much money on Jenny. How much did Michael spend?

18. How much did Jenny and Michael spend altogether?

19. Tim bought a jumper during the Boxing Day sale. The jumper was supposed to be £16.50p. The jumper was reduced to half price in the sale. How much did Tim have to pay for the jumper?

20. Alex bought these items in the sale. Calculate the cost of each item using the discount information. Then add the total cost of the items together. If Alex had £100 to spend, how much money did he have left over after paying for his items?

ITEM	PRICE	DISCOUNT	SALE PRICE
Jeans	£30	-£10	
T shirt	£20	-50%	
Hat	£3	-£1	
Scarf	£6	-50%	
Trainers	£68	-£40	
Socks	£5	-50%	
Pyjamas	£18	-£10	
TOTAL COST		TOTAL COST	
TOTAL REDUCTIONS			
CHANGE FROM £100			

I will e mail the answers over to your Hwb e mails on Friday!

