1. I bought a hot chocolate for $1.00. I used only two kinds of coins to make $1.00 with exactly 12 coins. What coins did I use?

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2. We bought wreaths to use as winter decorations. We spent $36.25. The largest wreath was $13.75. One medium-sized wreath was $9.50 each. We then bought two small wreaths. How much did they each cost?

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3. Our school collected gloves for children around our city. The first week we collected 392 pairs. The second week we collected 319 pairs and the final week we collected 578 pairs. How many did we collect altogether?

4. Six people went to a winter party. They each brought one friend. Each of the friends brought two friends. How many people went to the party altogether?

5. Our art teacher was putting out supplies for our winter celebration after school. She put crayons on each of the tables. If the groups of crayons followed the pattern below, how many crayons were on each of the final three tables?

12, 15, 13, 16, 14, ?, ?, ?

6. May filled three jars with peppermints. She had 685 candies. Two jars had the same number of pieces. The final jar had one more than the others. How many did each jar have?

7. The tree farm is growing three types of fir trees. The three types are Douglas-Fir, Balsam Fir and Fraser Fir. The tree far has 813 that are ready to be cut. 318 are Douglas-Fir and 297 are Balsam Fir. How many are Fraser Fir?

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8. You and some friends are shoveling driveways after the big snowstorm. Here are how many driveways you are shoveling each hour:

Hour 1: 15 driveways

Hour 2: 13 driveways

Hour 3: 11 driveways

Hour 4: ___ driveways

If you shoveled 52 driveways altogether, how many did you shovel during hour 4?

9. Riley, Marcus and Wilson will split ½ of a cherry pie. How much of the pie will each get?

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10. The baker sold 4 chocolate cakes for $10 each and 12 cupcakes for $1.00 each. It costs the baker $5 to make each cake and 50¢ to make each cupcake. What was the baker's profit?

11. Paige took $25 to the winter festival. She bought four ride tickets for $1.25 each. She then spent $6.75 on snacks. How much money does she have left?

12. Our teacher made 112 cups of hot chocolate to share with the four classrooms in our grade. She also bought 224 cookies. If each class has the same number of students, how many cups of hot chocolate and how many cookies did each class receive?

13. Mabel has 4 baskets of oranges. She has 11 oranges in each basket. Jordan has 6 baskets of oranges. He has 8 oranges in each basket. Who has more oranges?

14. It took Wendy 34 minutes to shovel her driveway the first time it snowed today. The second time she was 3 minutes faster than the first time. How long did she spend shoveling her driveway today?

15. The farmer will plant a tree farm when it gets warmer. He is using a square piece of land. The first side is 16 feet long. What will the perimeter of the area be when he is finished?

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16. Mitch has $30. He is going to buy snacks for the winter party. He is going to buy a bag of apples for $5.75 and a bag of oranges for $4.25. He is then going to buy cookies for $11.25. How much does he have left for apple cider?

17. Rachel has 19 oranges, Melissa has twice as many oranges as Rachel. Beth has 2 less oranges than Melissa. How many oranges do they have altogether?

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18. The winter festival was open for three nights. The snowman building booth made $346 profit. The first night the booth made $114. It made the same amount the next two nights. How much did the booth make the second and third nights?

19. A bakery made 738 snowflake shaped cookies and 552 blueberry muffins. It sent an equal number of donuts and muffins to 6 different stores. How many snowflake cookies and blueberry muffins did each store receive?

20. There are 290 students going on a field trip to the museum this week. Exactly the same number of students will go each day that the museum is open. Is the museum open four or five days this week? How many students will go each day?

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21. Spencer is planning a fundraiser. He wants to raise $72 to help plan a winter party for the kindergarten classes at his school. He's selling muffins to raise money. It costs 30¢ to make each muffin. He is selling them for 90¢ each. How many does he need to sell to raise enough money?

22. We volunteered to help put together snack packs for students to take home over their winter break. There were 39 students who volunteered to help. Each trio of students put together 49 bags. How many snack packs did we put together altogether?

23. I bought a cup of hot chocolate for $1.00. I used only two different coins to make $1.00 with exactly 8 coins. What types and how many of each coin did I use?

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24. Our class will make cookies for the nursing home. We will need 2 sticks of butter for each batch of cookies. We will make 294 cookies. Each batch is 49 cookies . How many sticks of butter will we need?

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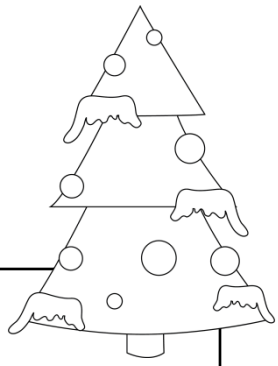
Winter Problem Solving



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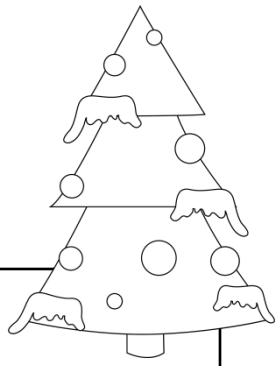

1.	2.	3.
4.	5.	6.
7.	8.	9.
10.	11.	12.

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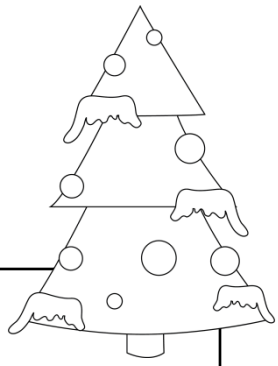
Winter Problem Solving



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16.	17.	18.
19.	20.	21.
22.	23.	24.

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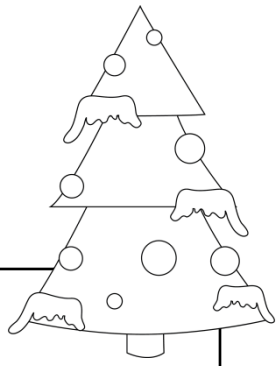
ANSWER KEY



1. dimes and nickels	2. each small wreath was $6.50	3. 1,289 pairs of gloves
4. 24 people	5. 17, 15, 18	6. 228, 228, 229
7. 197 Fraser Fir	8. 13 driveways	9. 1/6 of the pie
10. $26 profit	11. $13.25	12. 28 cups of hot chocolate, 56 cookies

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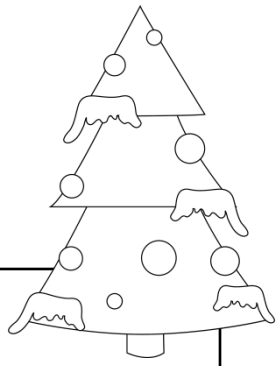
ANSWER KEY



13. Jason has 4 more	14. 65 minutes	15. 64 feet
16. he will have $8.75 left for apple cider	17. 93 oranges	18. $116 each night
19. 123 snowflake cookies, 92 blueberry muffins	20. 5 days, 58 students each day	21. 120 muffins
22. 637 snack packs	23. quarters and nickels	24. 12 sticks of butter

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