

1. I bought a caramel apple for \$1.00. I used only two kinds of coins to make \$1.00 with exactly 19 coins. What coins did I use?

2. We bought pumpkins to use as fall decorations. We spent \$32.50. The largest pumpkin was \$12.25. Two medium-sized pumpkins were \$7.50 each. We then bought three miniature pumpkins. How much did they each cost?

3. The apple orchard sold 8,249 apples in September. They sold 1,874 the first week and 2,435 the second week. The final two weeks of September they sold the same number of apples each week. How many apples did they sell each week?

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

5. The science teacher put the acorns in groups. The list below shows how many acorns were in each group. If the pattern continues, how many will be in the last three groups?

10, 15, 12, 17, 14, ?, ?, ?

6. April filled three jars with candy corn. She had 874 pieces. 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 apple orchard is growing four different types of apples. There are 345 trees total. Figure out how many Red Delicious and Gala apple trees there are. There are 2 more Red Delicious trees than Gala.

Apple type	Number of trees
Golden Delicious	129
Fuji	64

8. You are helping a farmer pick pumpkins. Here is how many pumpkins you have picked each day:

Day 1: 5 pumpkins

Day 2: 20 pumpkins

Day 3: 35 pumpkins

Day 4: 50 pumpkins

If this pattern continues, on what day would you pick 80 pumpkins?

9. Nadia and Ella will split $\frac{1}{4}$ of a pumpkin pie. How much of the pie will each get?

10. The baker sold 4 pumpkin pies for \$9 each and 12 cupcakes for \$1.00 each. It costs the baker \$5 to make each pie and 50¢ to make each cupcake. What was the baker's profit?

11. Louisa took \$20 to the fall festival. She bought three ride tickets for \$1.25 each. She then spent \$5.50 on snacks. How much money does she have left?

12. Our teacher bought 128 apples to share with the four classrooms in our grade. She also bought 712 pieces of candy corn. How many apples and how many pieces of candy corn will each class receive?

13.

Marco has 4 baskets of apples. He has 12 apples in each basket. Maria has 6 baskets of apples. She has 9 apples in each basket. Who has the most apples?

14. It took Lara 32 minutes to get through the corn maze twice. The second time she was 2 minutes faster than the first time. How long did it take her to go through each time?

15. The farmer is building a square fence around his pumpkin patch. The first side is 14 feet long. What will the perimeter of the fence be when he is finished?

16. Jaeydan has \$25. He is going to buy a bag of green apples for \$5.50 and a bag of red apples for \$4.75. He is then going to buy a pie for \$8.75. Does he have enough left to buy a gallon of apple cider for \$6.00?

17. Candace has 19 green apples, Heather has twice as many green apples as Candace. Brooke has 2 less green apples than Candace. How many green apples do they have altogether?

18. The fall festival was open for three nights. The pumpkin carving booth made \$346 profit. The first night the booth made \$112. It made the same amount the next two nights. How much did the booth make each night?

19. A bakery made 602 apple donuts and 714 pumpkin muffins. It sent an equal number of donuts and muffins to 7 different festivals. How many apple donuts and pumpkin muffins did each festival receive?

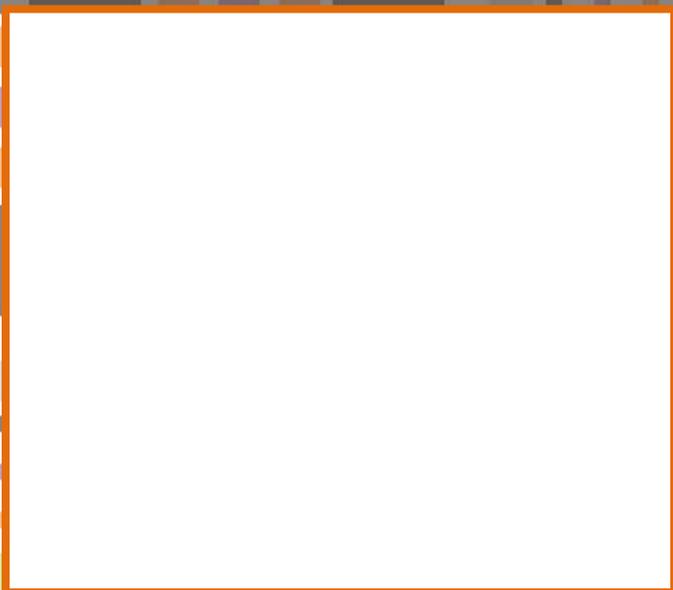
20. There are 288 students going on a field trip to the pumpkin patch this week. Exactly the same number of students will go each day that the pumpkin patch is open. Is the pumpkin patch open four or five days this week? How many students will go each day?

21. Jerome is planning a fundraiser. He wants to raise \$99 to help plan a fall party for the kindergarten classes at his school. He's selling caramel apples to raise money. It costs 50¢ to make each caramel apple. He is selling them for \$1.25 each. How many does he need to sell to raise enough money?

22. We volunteered to rake leaves after school. There were 48 students who volunteered. Each trio of students raked 4 bags of leaves. How many bags of leaves were raked?

23. I bought a cup of apple cider for \$1.00. I used only three different coins to make \$1.00 with exactly 17 coins. What types of coins did I use?

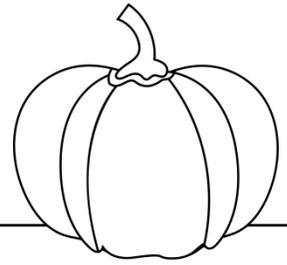
24. Our class made apple pies for the nursing home. We needed 7 apples for each pie. When we are done we will cut the pies into 8 equal slices. We need 56 slices. How many apples will we need?



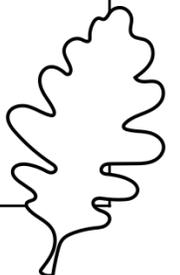
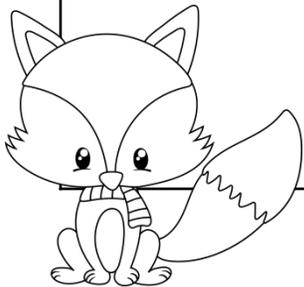
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Fall Problem Solving

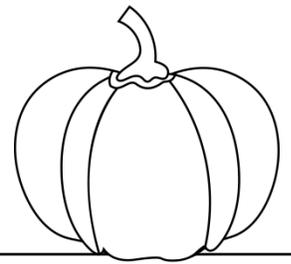


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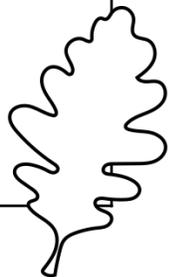
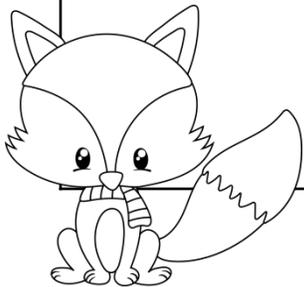




Fall Problem Solving

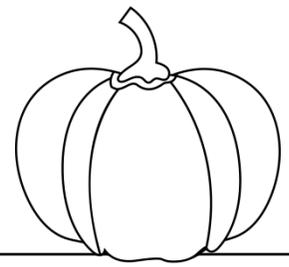


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16.	17.	18.
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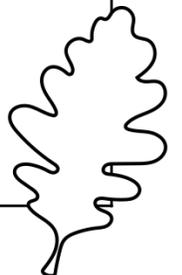
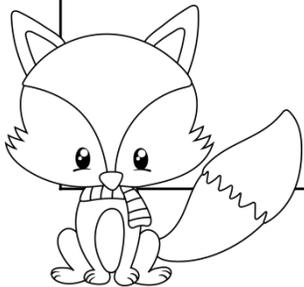




ANSWER KEY

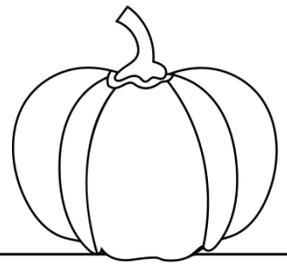


1. dimes and pennies	2. \$1.75	3. 1,970 apples
4. 20 people	5. 19, 16, 21	6. 291, 291, 292
7. 75 Gala, 77 Red Delicious	8. Day 6	9. $\frac{1}{8}$ of a pie
10. \$22 profit	11. \$10.75	12. 32 apples, 178 pieces of candy corn





ANSWER KEY



13. Maria	14. 17 minutes, 15 minutes	15. 56 feet
16. yes	17. 74 green apples	18. \$117
19. 86 donuts, 102 muffins	20. 4 days, 72 students	21. 132 caramel apples
22. 64 bags	23. dimes, nickels, pennies	24. 49 apples

