



**Level B**

## Fall Math Puzzlers

Name \_\_\_\_\_

Solve each problem below. Show your work using numbers, pictures, words, or symbols. Be prepared to explain your solutions.

1. Sally saw a flock of birds land in a maple tree. She counted 12 birds, but then half of them flew away. A few minutes later, four more of the remaining birds flew away. How many birds were left in the tree?

**Answer:** \_\_\_\_\_

✓-    ✓    ✓+

2. The Grayson family arrived at the Fall Festival at 10:30 in the morning and stayed for 3 hours. What time did they leave?

**Answer:** \_\_\_\_\_

✓-    ✓    ✓+

3. To bake pumpkin pies, Claire needs  $\frac{1}{2}$  cup sugar for each can of cooked pumpkin. If she buys three cans of cooked pumpkin, how much sugar will she need to bake her pies?

**Answer:** \_\_\_\_\_

✓-    ✓    ✓+

4. Eric gathered five colorful fall leaves. He arranged them in a row from largest to smallest, and each leaf was 1 inch longer than the one next to it. If the longest leaf was 9 inches long, how long was shortest leaf?

**Answer:** \_\_\_\_\_

✓-    ✓    ✓+



Level C

## Fall Math Puzzlers

Name \_\_\_\_\_

Solve each problem below. Show your work using numbers, pictures, words, or symbols. Be prepared to explain your solutions.

1. Sally saw a flock of migrating sparrows land in a maple tree. She counted 48 birds, but then half of them flew away. A few minutes later, one third of the remaining birds took flight as well. How many sparrows were left?

Answer: \_\_\_\_\_

✓-    ✓    ✓+

2. The Grayson family arrived at the Fall Festival at half-past 10 in the morning and stayed for 3 and three-quarter hours. What time did they leave the festival?

Answer: \_\_\_\_\_

✓-    ✓    ✓+

3. To bake pumpkin pies, Claire needs  $\frac{3}{4}$  cup sugar for each pound of cooked pumpkin. If she buys one 32-ounce can of cooked pumpkin, how much sugar will she need to bake her pies?

Answer: \_\_\_\_\_

✓-    ✓    ✓+

4. Eric gathered five colorful fall leaves. He arranged them in a row from largest to smallest, and each leaf was 1.5 inches longer than the one next to it. If the middle leaf was 7 inches long, how long was shortest leaf?

Answer: \_\_\_\_\_

✓-    ✓    ✓+