

Name \_\_\_\_\_

Date \_\_\_\_\_

Solve the word problems using the RDW strategy. Show all of your work.

1. Christine baked a pumpkin pie. She ate  $\frac{1}{6}$  of the pie. Her brother ate  $\frac{1}{3}$  of it and gave the leftovers to his friends. What fraction of the pie did he give to his friends?

2. Liang went to the bookstore. He spent  $\frac{1}{3}$  of his money on a pen and  $\frac{4}{7}$  of it on books. What fraction of his money did he have left?

3. Tiffany bought  $\frac{2}{5}$  kg of cherries. Linda bought  $\frac{1}{10}$  kg of cherries less than Tiffany. How many kilograms of cherries did they buy altogether?

4. Mr. Rivas bought a can of paint. He used  $\frac{3}{8}$  of it to paint a bookshelf. He used  $\frac{1}{4}$  of it to paint a wagon. He used some of it to paint a birdhouse and has  $\frac{1}{8}$  of the paint left. How much paint did he use for the birdhouse?

5. Ribbon A is  $\frac{1}{3}$  m long. It is  $\frac{2}{5}$  m shorter than Ribbon B. What's the total length of the two ribbons?

## Answer Key

1.  $\frac{1}{2}$
2.  $\frac{2}{21}$
3.  $\frac{7}{10}$
4.  $\frac{1}{4}$
5.  $1\frac{1}{15}$  m