

Solving Multistep Problems with Fractions and Mixed Numbers**Practice and Problem Solving: A/B**

Solve. Show your work.

1. After a holiday dinner, there are $3\frac{1}{3}$ apple pies left and $2\frac{5}{6}$ pumpkin pies left.

a. How much more apple pie than pumpkin pie is left?

b. Tom ate $\frac{1}{2}$ of the leftovers. How much pie in all did he eat?

2. An angelfish was $1\frac{1}{2}$ inches long when it was bought. Now it is $2\frac{1}{3}$ inches long.

a. How much has the angelfish grown? _____

b. An inch is $\frac{1}{12}$ of a foot. How much has the angelfish grown in feet? _____

3. There was a 6 square-foot piece of wrapping paper for a birthday present. It takes $3\frac{3}{8}$ square feet of the paper to wrap the present. How many pieces of 6 square-foot paper are needed to wrap 3 of these presents?
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4. Today, a bicycle rider rode her bike $5\frac{1}{2}$ miles. Yesterday, she rode $6\frac{1}{4}$ miles. The difference in length between the two rides is what fraction of the longer ride?
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5. A survey by the state health department found that the average person ate 208 pounds of vegetables last year and $125\frac{5}{8}$ pounds of fruit. What fraction of the total pounds of fruit and vegetables do the pounds of fruits represent?
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