Problem Solving: Choose a Strategy

1. Terry picked apples with her friends. They used \(\frac{3}{8}\) of the apples to make pies and \(\frac{17}{24}\) of the apples to make applesauce. Did they use more apples for pies or for applesauce?

2. Tim built a tree house that is \(4\frac{7}{10}\) feet high and \(4\frac{3}{5}\) feet wide. Which is greater, the height or the width of the tree house?

3. Sandy exercises every morning. She walks \(2\frac{4}{9}\) miles, jogs \(2\frac{7}{18}\) miles, and rides her bicycle \(2\frac{2}{3}\) miles. Write the distances from greatest to least.

4. Sam needs \(1\frac{1}{4}\) cups of flour to make muffins. He has \(1\frac{3}{8}\) cups. Does Sam need to buy more flour? Explain.

5. Manuel bought 1 pound 6 ounces of green grapes and \(1\frac{1}{2}\) pounds of red grapes. Did Manuel buy more green grapes or red grapes?

6. Isabel does volunteer work at the senior citizens center. She worked \(5\frac{3}{5}\) hours in January, \(5\frac{4}{10}\) hours in February, and 5 hours and 48 minutes in March. Write the amounts of time Isabel worked from least to greatest.