Lesson 2.5 Problem Solving

SHOW YOUR WORK

Solve each problem. Write answers in simplest form.

1. Sam and José mowed $\frac{2}{3}$ of the yard. José mowed $\frac{3}{4}$ of that amount. What part of the yard did José mow?

José mowed _____ of the yard.

2. Maria practices the piano $\frac{5}{6}$ of an hour every day. How many hours does she practice in 4 days?

Maria practices _____ hours.

3. It takes 6 hours to clean the Smith's house. How long does it take to clean $\frac{5}{8}$ of the house?

It takes _____ hours.

4. A container holding $6\frac{2}{3}$ pints of juice will be divided equally among 5 people. How much juice will each person get?

Each person will get _____ pints.

5. A 7-hour class will be divided into equal sessions of $1\frac{2}{5}$ hours. How many sessions will be needed?

_____ sessions will be needed.

6. Jamie divided $6\frac{2}{5}$ ounces of candy into equal amounts. He put the candy into containers that hold $2\frac{2}{3}$ ounces each. How many containers will be filled?

_____ containers will be filled.

7. Dawson baked one pie in $\frac{7}{12}$ of an hour. How long will it take Dawson to bake 9 pies?

Dawson will bake 9 pies in _____ hours.

1.

2.

3.

4.

5.

6.

7.