**Carry out your plan.**

Draw six roller coaster cars. Label $\frac{2}{6}$ of the cars red and $\frac{3}{6}$ of the cars blue.

Count the number of cars that are not labeled. There is 1 car left.

So, there is 1 yellow car.

**What facts do you know?**

A roller coaster has 6 cars.

The cars are red, blue, and yellow.

$\frac{2}{6}$ of the cars are red.

$\frac{3}{6}$ of the cars are blue.

**What do you need to find?**

I need to find the number of cars that are yellow.

A roller coaster has 6 cars. The cars are red, blue, and yellow.

Two-sixths of the cars are red and three-sixths of the cars are blue. How many cars are yellow?

**Reteach**

red

red

blue

blue

blue

**Make sure your answer is reasonable.**

My drawing matches the information in the problem. So, my answer makes sense.

**Step 4**

Check

**Step 3**

Solve

**Make a plan.**

I will draw a picture to show what I know and help me solve the problem.

**Step 2**

Plan

**Step 1**

Understand

**Grade 3 • Chapter 10** Fractions

**75**

*Problem Solving: Draw a Diagram*

**Lesson 4**

Name Date

Jessica has a 40-inch board. She cuts off a 10-inch piece. She

wants to make more cuts to get 6-inch pieces. How many

6-inch pieces can she get?

Kara kept track of the weather for eight days. It rained during

four of the days. Half of the days that it did not rain, it was sunny. Write a fraction to represent the part of the days that it did not rain and it was not sunny.

The pencil cup needs to be cleaned out. Of the 25 pencils in

the cup, 12 are broken, 5 do not have an eraser, and the rest can be sharpened and used. How many pencils will be put back in the cup?

There are 3 rows of 5 mini pizzas on a tray. Each mini pizza

has 2 pepper slices on it. How many pepper slices are there in all?

A quesadilla was cut into eight equal pieces. Christa ate $\frac{3}{8}$, Oliver ate $\frac{2}{8}$, and Luther ate one piece. How many pieces are left?

**Reteach**

**Grade 3 • Chapter 10** Fractions

**76**

**5.**

**4.**

**3.**

**2.**

**1.**

**Solve wach problem by making a diagram.**

*(continued)*

*Problem Solving: Draw a Diagram*

**Lesson 4**

Name Date