

## Lesson 6 Reteach

### *Problem Solving: Extra or Missing Information*

There are 24 students in math class. Math class starts at 10:00 A.M. and lasts for 55 minutes. The students are divided evenly among 4 tables? How many students will be at each table?

**Step 1**

Understand

**What facts do you know?**

You know that there are 24 students in math class.

Math class starts at 10:00 A.M. and lasts 55 minutes.

The students are divided among evenly among 4 tables.

**What do you need to find?**

I need to find how many students will be at each table.

**Step 2**

Plan

**What information is not needed?**

I do not need to know what time math class starts and how long it lasts.

**What will you do with the other information?**

I will divide the number of students by the number of tables.

**Step 3**

Solve

**Carry out your plan.**

$$24 \div 4 = 6$$

So, 6 students are at each table.

**Step 4**

Check

Make sure your answer is reasonable.

You can use multiplication to check your division.

$$6 \times 4 = 24$$

So, the answer makes sense.

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### *Problem Solving (continued)*

**Solve. If there is missing information, tell what facts you need to solve the problem.**

1. Kirk practices the trumpet for 30 minutes on Tuesday, 45 minutes on Wednesday, and 15 minutes on Thursday. Kirk plays soccer on Mondays and Fridays. How much time does Kirk practice his trumpet each week?

**90 minutes**

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2. For homework, Meg does 6 spelling exercises and 24 math problems. She spends the most time answering science questions. How many more science questions than math problems did Meg have for homework?

**Missing information: the number of science questions Meg had.**

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3. Samantha ate 4 servings of fruit every day for 7 days. Sometimes she ate strawberries, sometimes she ate peaches, and sometimes she drank orange juice. How many servings of fruit did Samantha eat for the whole week?

**28 servings**

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4. Marcy is 3 inches taller than her sister. Her sister is 8 years old. How tall is Marcy?

**The missing information is the height of Marcy's sister.**

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5. Elena spends \$20 on four headbands that each cost the same amount. One headband is blue, two are brown, and one is black. How much did each headband cost?

**\$5**

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