

Name \_\_\_\_\_

# MATH in Minutes

Level A

#14

1. Susan's recipe for sugar cookies calls for  $\frac{2}{3}$  cup sugar. If she sprinkles  $\frac{1}{4}$  of that amount on top of the cookies, how much sugar will be sprinkled on top? Explain how you got your answer. **Number and Operations**

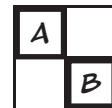


4. This plot shows the rolls of wrapping paper sold by each student in Mr. Chesney's class. Tina sold 13 rolls. Becky sold the most. How many more rolls did Becky sell than Tina? How do you know? **Data Analysis and Probability**

| Stem | Leaves    |
|------|-----------|
| 3    | 1 4       |
| 2    | 0 1 6 6   |
| 1    | 1 2 2 3 4 |
| 0    | 4 5 6 8   |

2. Students at Will's school visit a planetarium every 5 years and the state capitol every 2 years. If Will visited both places during the 2007–2008 school year, how many years will it be before both places are visited again during the same school year? How do you know? **Number and Operations**

5. Brad thinks the boldfaced square in this grid was moved from position A to position B just using translations. Cindy thinks it was moved just using reflections. Chad thinks it was moved just using rotations. Who is right? Explain how you know. **Geometry**



3. If Jessie saves 25% of the \$200 he needs to attend baseball camp, his parents will pay the rest. Jessie has \$30. Has he saved enough? Explain how you got your answer. **Number and Operations**

6. If this sign were next to a bridge, would a 10-ton truck be able to cross the bridge safely? Why or why not? **Measurement**

**Weight Limit  
18,000 lb.**