# Problems for Grade 5

The problems below are a selection that can be used for lesson “What’s the Question Again?” for fifth grade.

<table>
<thead>
<tr>
<th>Problem 1</th>
<th>Problem 2</th>
<th>Problem 3</th>
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<tbody>
<tr>
<td>The distance from Atlanta to London, England is 4,204 miles. From Atlanta to Tokyo, Japan is 2,648 more miles than the distance between Atlanta to London.</td>
<td>The sum of a number's factors is 91. The number has 9 different factors.</td>
<td>Mandy feeds her fish the same amount everyday each week. On Monday, she fed them 1/3 teaspoon. On Tuesday, it was 2/3 teaspoon and on Wednesday, she fed them 1 teaspoon.</td>
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<tr>
<td><strong>What is the distance from Atlanta to Tokyo?</strong></td>
<td><strong>What is the number?</strong></td>
<td><em>If pattern continues until Sunday, how many teaspoons of food does she feed them in a week?</em></td>
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</table>
| Max went a distance of 7/8 mile while exercising.  
Of the distance he exercised, 4/7 of it was walking.  
The rest he jogged. | Two different, unknown fractions are less than 1. The sum of the two fractions is 1. Their difference is . | The sum of 2 fractions with uncommon denominators is 1.  
The numerator and denominator of each fraction is a single digit number and no digit is used more than once.  
Both denominators are divisible by 3 but only 1 is divisible by 2.  
One fraction is twice the amount of the other fraction and not in simplest form.  
The sum of the numerators is 5.  
**What are the 2 fractions?** |
| **What was the distance he jogged?**                                      | **What are the 2 fractions?**                                             | **What are the 2 fractions?**                                             |
| Joe drank $\frac{3}{4}$ bottle of water. Tonya drank $\frac{2}{3}$ the amount of water Joe drank and Amy drank $\frac{1}{2}$ the amount of Tonya. Joe drank from a bottle that contained 36 ounces. | There are 30 students in Gale's class. Three-fifths of the class prefer turkey for Thanksgiving. Of the remaining students, 2/3 prefer ham.  
The rest of the class do not like either.  
**How many ounces did they drink altogether?** | There are 20 students in a room. Each person shakes every other person’s hand exactly one time.  
**How many handshakes will there be?** |
| **How many ounces did they drink altogether?**                           | **How many students do not like ham or turkey?**                         | **How many handshakes will there be?**                                  |