

**You will NOT get credit if you don't show your work!**

<p>1. Kono divides the numerator and denominator of <math>\frac{48}{72}</math> by the greatest common factor to simplify the fraction in one step. By what number does he divide?</p>	<p>2. Multiply. Write your answer in simplest form.</p> $\frac{5}{6} \times 15$	<p>3. A triangle has sides measuring 3.54 inches, 5.12 inches, and 2.3 inches. Add to find the perimeter of the triangle.</p>	<p>4. Divide. Write your answer in simplest form.</p> $\frac{8}{10} \div \frac{2}{5}$												
<p>5. After January 1, Mandy has band practice every fourth day and swimming lessons every third day. If both programs end January 31, how many days in January will Mandy have both band practice and swimming lessons?</p>	<p>6. Divide. Write your answer in simplest form.</p> $3\frac{3}{4} \div 5\frac{5}{8}$	<p>7. The table below shows the length of the hiking trails at a local park. Aaron hikes half of the blue trail. What distance did he hike?</p> <table border="1" data-bbox="1062 906 1518 1208"> <thead> <tr> <th colspan="2">Hiking Trails</th> </tr> <tr> <th>Trail</th> <th>Length (miles)</th> </tr> </thead> <tbody> <tr> <td>Red</td> <td>1.09</td> </tr> <tr> <td>Blue</td> <td>1.86</td> </tr> <tr> <td>Green</td> <td>1.10</td> </tr> <tr> <td>Yellow</td> <td>1.28</td> </tr> </tbody> </table>	Hiking Trails		Trail	Length (miles)	Red	1.09	Blue	1.86	Green	1.10	Yellow	1.28	<p>8. Multiply. Write your answer in simplest form.</p> $\frac{4}{9} \times \frac{3}{8}$
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Look on the back for your writing portion!!

Writing to Win Strategy D - Focused Free Writing

1. Write the prompt.
2. Write whatever comes to mind about the topic.
3. Keep your pencil moving, writing for set time.

" I am \_\_\_\_\_, a very smart seventh grade math student. I am going to explain to you how to solve this problem:  $4\frac{1}{2}$  divided by  $2\frac{1}{4}$   
*your name*

Expectations:

- \* Clearly state each step needed to work the problem, in the correct order.
- \* Correctly use at least four of these vocabulary terms in your explanation: **quotient, reciprocal, numerator, denominator, mixed number, improper fraction, simplify**
- \* Use complete sentences to explain the procedure.
- \* Show examples of your method.
- \* Walk (10 points) – 3 good sentences. Jog (20 points) – 4 good sentences. Run (25 points) – 5 good sentences