

## Modified Expressions Activity 2

A teacher read the following problems and the student made a Nemeth error trying to braille what the teacher read. Find the mistake and then write the problem correctly.

1. Teacher: zero point one two three four five with the 12345 repeating

Incorrect:  $0.12345$

Mistake: The termination indicator is missing at the end.

Correct:  $0.\overline{12345}$

2. Teacher: point three six with the 36 repeating

Incorrect:  $.36$

Mistake: The multipurpose indicator is missing in front of the 3.

Correct:  $.\overline{36}$

3. Teacher: two point eight eight nine five four with the 54 repeating

Incorrect:  $2.88954$

Mistake: The multipurpose indicator should be between the 9 and 5, not before the first 8.

Correct:  $2.88\overline{954}$

4. Teacher: ray CD

Incorrect:  $\overrightarrow{CD}$

Mistake: The directly-over indicator should come before the contracted right-pointing arrow instead of after.

Correct:  $\overrightarrow{CD}$

5. Teacher: segment EF

Incorrect: 


Mistake: Any capital letter used to name a segment should have a capitalization indicator in front of each letter in its name. A double cap should not be used in the naming of a segment.

Correct:  $\overline{EF}$  

6. Teacher: five point one eight with a bar over the 18

Incorrect: 

Mistake: The multipurpose indicator is missing in front of the 1.

Correct:  $5.\overline{18}$  

7. Teacher: zero point seven with the 7 repeating.

Incorrect: 

Mistake: Use the exception to the Five-Step Rule. You only need the bar immediately after the number 7 and no multipurpose indicator, directly-over indicator, or termination indicator are needed.

Correct:  $0.\overline{7}$  