Modified Expressions Activity 1

Practice reading the following fractions and their equivalent repeating decimal.

1. $\frac{1}{3} = .\overline{3}$ 

This would be read as one third equals point three with the 3 repeating.

2. $\frac{2}{3} = 0.\overline{6}$ 

This would be read as two thirds equals zero point six with the 6 repeating.

3. $\frac{1}{6} = .1\overline{6}$ 

This would be read as one sixth equals point one six with the 6 repeating.

4. $\frac{5}{6} = .8\overline{3}$ 

This would be read as five sixths equals point eight three with the 3 repeating.

5. $\frac{2}{7} = .\overline{285714}$ 

This would be read as two sevenths equals point two eight five seven one four with the 285714 repeating.

6. $\frac{3}{7} = 0.\overline{428571}$ 

This would be read as three sevenths equals zero point four two eight five seven one with the 428571 repeating.

7. $\frac{1}{9} = 0.\overline{1}$ ⠼⠁⠌⠼⠊ ⠶ ⠼⠚⠲⠈⠼⠁

This would be read as one ninth equals zero point one with the 1 repeating.

8. $\frac{5}{9} = 0.\overline{5}$ ⠼⠑⠌⠼⠊ ⠶ ⠼⠚⠲⠈⠼⠑

This would be read as five ninths equals zero point five with the 5 repeating.

9. $\frac{2}{11} = .\overline{18}$ ⠼⠃⠌⠼⠁⠁ ⠶ ⠲⠈⠼⠁⠓

This would be read as two elevenths equals point one eight with the 18 repeating.

10. $\frac{9}{11} = 0.\overline{81}$ ⠼⠊⠌⠼⠁⠁ ⠶ ⠼⠚⠲⠈⠼⠓⠁

This would be read as nine elevenths equals zero point eight one with the 81 repeating.

11. $\frac{1}{12} = .08\overline{3}$ ⠼⠁⠌⠼⠁⠃ ⠶ ⠲⠼⠚⠓⠈⠼⠉

This would be read as one twelfth equals point zero eight three with the 3 repeating.

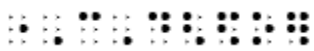
12. $\frac{5}{12} = 0.41\overline{6}$ ⠼⠑⠌⠼⠁⠃ ⠶ ⠼⠚⠲⠙⠁⠈⠼⠋

This would be read as five twelfths equals point four one six with the 6 repeating.

We strongly suggest reviewing the Special Symbols page which lists the symbols used in this exercise. Then practice reading the following geometry expressions.

1. $\overline{AB}$ 

This would be read as segment AB.

2. $\overrightarrow{CD}$ 

This would be read as ray CD.

3. $\overleftrightarrow{EF}$ 

This would be read as line EF.

4. $\overrightarrow{AB} \parallel \overrightarrow{CD}$ 

This would be read as ray AB is parallel to ray CD.

5. $\overleftrightarrow{GH} \parallel \overleftrightarrow{JK}$

This would be read as line GH is parallel to line JK.

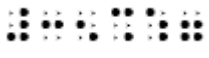
6. $\overleftrightarrow{LM} \perp \overleftrightarrow{NO}$

This would be read as line LM is perpendicular to line NO.

7. $\overline{EF} \cong \overline{GH}$ 

This would be read as segment EF is congruent to segment GH.

Practice reading the following place value problems. Then tell me the place value of the underlined digit.

1. 3<u>5</u>7 

This would be read as three hundred fifty-seven with a bar under the 5. The 5 is in the tens place.

2. 6<u>7</u>,389 

This would be read as sixty-seven thousand three hundred eighty-nine with a bar under the 7. The 7 is in the thousands place.

3. 42.3<u>9</u>7 

This would be read as forty-two point three nine seven with a bar under the 9. The 9 is in the hundredths place.

4. 0.<u>2</u>956 

This would be read as zero point two nine five six with a bar under the 2. The 2 is in the tenths place.