Continue the Sequence

I can continue a sequence involving whole numbers, fractions, and decimals.

I can describe the rule used to create the sequence.

Continue each number sequence and describe each rule, for example:

2, 4, **6** , 8, 10, **12** , **14** , **16**   The rule is that the numbers are going up in 2s or +2.

1. 12, 16, ☐ , 24, 28, ☐ , 36, 40, 44, ☐ , ☐ , ☐

   What is the rule?_____

2. $1\frac{1}{2}$, 2, $2\frac{1}{2}$, ☐ , $3\frac{1}{2}$, 4 , ☐ , 5, $5\frac{1}{2}$, ☐ , ☐ , ☐

   What is the rule?_____

3. 1, 1.1, 1.2, ☐ , ☐ ,1.5, 1.6, 1.7, ☐ , ☐ , ☐

   What is the rule?_____

4. $\frac{3}{8}$, $\frac{4}{8}$, ☐ , $\frac{6}{8}$, $\frac{7}{8}$, ☐ , $1\frac{1}{8}$, $1\frac{2}{8}$, ☐ , ☐ , ☐

   What is the rule?_____

Challenge: Create your own sequence and describe the rule.

Continue the Sequence

I can continue a sequence involving whole numbers, fractions, and decimals.

I can describe the rule used to create the sequence.

Continue each number sequence and describe each rule, for example:

2, 4, **6** , 8, 10, **12** , **14** , **16**   The rule is that the numbers are going up in 2s or +2.

1. 98, 96, ☐ , 92, 90, ☐ , ☐ , 84, 82, ☐ , ☐ , 76, ☐ , ☐ , ☐

   What is the rule?_____

2. $1\frac{3}{4}$, ☐ , $2\frac{1}{4}$, ☐ , ☐ , 3, ☐ , ☐ , ☐

   What is the rule?_____

3. 0.25, 0.23, ☐ , 0.19, ☐ , 0.15, 0.13, ☐ , ☐ , ☐

   What is the rule?_____

4. 117.2, 117.3, ☐ , 117.5, 117.6, ☐ , 117.8, 117.9, ☐ , ☐ , 118.2, ☐ , ☐

   What is the rule?_____

Challenge: Create your own sequence using fractions or decimals and explain your rule.

Continue the Sequence

I can continue a sequence involving whole numbers, fractions, and decimals.

I can describe the rule used to create the sequence.

Continue each number sequence and describe each rule, for example:

2, 4, **6** , 8, 10, **12** , **14** , **16**   The rule is that the numbers are going up in 2s or +2.

1. 192, 182, ☐ , 162, ☐ , ☐ , 132, ☐ , ☐ , ☐

   What is the rule?_____

2. ☐ ,1.6, 2.5, 3.4, ☐ , 5.2, 6.1, ☐ , ☐ , ☐

   What is the rule?_____

3. ☐ , 9.9, 9.2, ☐ , ☐ , 7.1, 6.4, 5.7, ☐ , ☐ , ☐

   What is the rule?_____

4. 10.6, 10.3, ☐ , ☐ , 9.4, 9.1, ☐ , ☐ , ☐

   What is the rule?_____

5. ☐ , 69.4, 68.9, ☐ , 67.9, 67.4, ☐ , 66.4, ☐ , ☐ , ☐

   What is the rule?_____

Challenge: Create your own sequence using whole numbers, fractions or decimals and explain your rule.