

Name: _____

Date: _____

AzMerit Practice Homework #3

1. Ramon uses a rule to decide how long to practice playing piano. The rule is *Add 5 minutes each day*. On Monday, he practices for 10 minutes. How many minutes will he practice on Friday?

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Time	10 minutes	15 minutes	20 minutes	25 minutes	30 minutes

The rule is “Add 5 minutes each day”. Using a table or a list is a great strategy for keeping track of the pattern. The answer is 30 minutes on Friday.

2. Complete the inequality with the symbol (>, <, or =) that will make it correct.

$$\frac{2}{3} \geq \frac{3}{6}$$

Students can draw two, same-sized rectangles and compare the shaded parts. Some students may know that $\frac{3}{6} = \frac{1}{2}$ and that $\frac{2}{3}$ is greater than $\frac{1}{2}$.

3. Which situation is represented by the equation 18×2 ?
 - a. Sally gave away 18 marbles. Alex gave away 2 more marbles than Sally. How many marbles did Alex give away?
 - b. Sally gave away 18 marbles. Alex gave away 2 more marbles than Sally. How many marbles did they give away in total?
 - c. Sally gave away 18 marbles. Alex gave away 2 times as many marbles as Sally. How many marbles did Alex give away?
 - d. Sally gave away 18 marbles. Alex gave away 2 times as many marbles as Sally. How many marbles did they give away in total?

4. Write the number below in written form and expanded form.

34,562

Written Form: thirty-four thousand five hundred sixty-two

Expanded Form: $30,000 + 4,000 + 500 + 60 + 2$

5. Dana reads the number 592,103 as five hundred ninety-two thousand, one hundred thirteen. Do you agree or disagree with Dana? Explain why or why not.

I disagree with Dana because there is a zero in the tens place. If it was one hundred thirteen, there would be a one in the tens place. It should be five hundred ninety-two thousand, one hundred three.