

Name: _____ Date: _____ Per: _____

REFERENCE SHEET SCAVENGER HUNT!

1-a) Which page of the reference sheet would you use to translate a verbal phrase into an algebra expression? For example, imagine you were asked to translate “5 more than a number x ”

Page number: _____

Box Color: _____

1-b) Now use this box to identify the key word and determine which operation is indicated by the phrase below. Then try to come up with an algebraic expression to represent the situation. ($4 - y$ is an example of algebraic expression)

“Andy deposited \$50 into his bank account, which already had \$300”

Key Word: _____

Operation: _____

Expression: _____

2-a) Which page would you use to figure out how to change a decimal to a percent or a percent to a decimal?

Page number: _____

Box color: _____

2-b) Now use the information in the box to change the following:

Ex: Change 0.07 from a decimal to a percent: _____

Ex: Change 43.5% from a percent to a decimal: _____

3-a) Which page would you use to figure out how to add numbers with different signs?

Page number: _____

Box color: _____

3-b) Now use the information in the box to add the following examples together:

Ex: $-7 + 5 =$ _____

Ex: $4 + (-16) =$ _____

Ex: $2.5 + (-1.2) =$ _____

4-a) Which page would you use to identify the place value of different digits in a number?

Page number: _____

Box color: _____

4-b) Now use the information in the box to determine the place value of the digit 7 in the following number:

4,765,301

Place value of 7: _____

5-a) Which page would you use if you had to perform transformations?

Page number: _____

Box color: _____

5-b) Use the information in the box to determine what you *think* the underline letters mean you should do with the shape you given. For example, if you are given a triangle, what do you think you are being asked to do if you are told to “translate.”

Ex: _____ = _____

Ex: _____ = _____

Ex: _____ = _____

6-a) Which page would you use if you wanted needed to know the sum of the interior angels of a polygon?

Page number: _____

Box color: _____

6-b) According to the formula, how many degrees would there be in a pentagon? Show or explain your work.

7-a) Which page would you use if you wanted to figure out if a number is divisible by 5?

Page number: _____

Box color: _____

7-b) Use the rules provided to determine if 90 is divisible by 6. Show or explain your work.