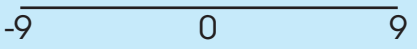
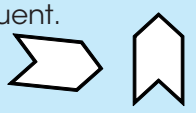
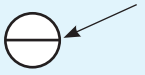
GLOSSARY

	Student Friendly Explanation	Note/Example
Absolute Value	The distance between a number and 0 on a number line. Think of it as a number (integer) without it being positive or negative (no plus or minus sign). The absolute value is also called the magnitude of the number.	
Area	The space inside a closed figure. You calculate area in a rectangle by multiplying base times height; in a triangle it is half (1/2) of the base times height.	The area is shaded in the figures below. 
Average (mean)	A central tendency measure where all pieces of data within a set are added together and then divided by the number of pieces of data. The resulting number is the mean or average.	The mean or average of the data set below is 28 Data: 18, 25, 33, 36
Central Tendency	A summary of the data set that describes a typical entry in the set.	The central tendency measures you will use are mean, median, and mode.
Combinations	The different ways elements can be put together to get different results. You will use combinations when you do probability.	When flipping two coins at the same time, the solution set (all possible combinations) is: HH, TT, HT, TH
Commission	A part of the total sales price given as pay. Be prepared to calculate the amount a salesperson receives based on the percentage of total sales they receive.	A 6% sales commission on a $150,000 house is $9000. A way to do it in your head is to think of it as 1% ($1500) paid 6 times.
Congruent	Two closed figures that are the same. This means they will have the same measurements and properties.	These figures are congruent. 
Diameter	The distance from one side of a circle, through the center to the other side (twice the radius).	
Discount	A reduction of the total price. You will calculate discounts using percentages.	A 20% discount on $55 means $10 off of the price. The new price would then be $45.
Equation	A statement that includes the equal sign. $2x = 4$	You evaluate an expression and solve an equation.
Estimate	Round off the numbers before doing the calculation.	A reasonable estimate of 11,673 is 12,000.
Evaluate	To find the value of an expression. $2x + 3x^2 - 6x$ simplifies to $- 4x + 3x^2$	You evaluate an expression and solve an equation.