

CCSS.MATH.CONTENT.6.RP.A.1 **Understand** the concept of a **ratio** and **use** ratio language to **describe** a ratio **relationship** between two **quantities**. *For example, "The ratio of wings to beaks in the birdhouse at the zoo was 2:1, because for every 2 wings there was 1 beak." "For every vote candidate A received, candidate C received nearly three votes."*

verb		skill/method	vocabulary	Rigor	
Understand Use Describe			Ratio Relationship Quantities	Concept	Procedure Application
Earlier Grades		Grade Level		Later Grades	
<i>Ordered pairs</i> <i>Fractions: equivalent, add, subtract, multiply, divide</i> <i>Make a line plot to display a data set of measurements in fractions of a unit</i> <i>Convert among different-sized standard measurement units</i>		Ratios using non-complex fractions Unit rate Percent as rate per 100 Tables of equivalent ratios Tape diagram Double number line diagrams 4-quadrant coordinate plane 1-variable equations Divide fraction by fraction Rational numbers on number line including negative values Ordering/comparing rational numbers including absolute value GCF<= 12, LCM<=100		Unit rate with ratios of fractions Proportional relationships Probability <i>Multiply and divide rational numbers</i> <i>Rational number to decimal</i> <i>Rate of change</i> <i>Slope</i> <i>Graph proportional relationships</i> <i>Functions</i> <i>Bivariate data</i> <i>Frequency</i> <i>Similar polygons</i> <i>Scale factor</i> Trig	
Important concepts			Practice Questions	Activities	Assessment
Relationship of 2 quantities	Equivalent ratios		What is the ratio of ____ to ____? (boys/girls...)	Describe ratios around you	Give an example of something with a 1 to 4 ratio
3 forms 2:4, 2/4, 2 to 4	Unit rate and unit price		I am thinking of something with a __/__ ratio. What am I thinking of?	Ratio hunt - find images or items with a set ratio	Why can we say that a bird has a 2 to 1 ratio?
Order matters 2:4 is different than 4:2	Simplest form		In this image, find a __/__ ratio.	Create a piece of art and describe the ratios.	Define ratio
Part to part and part to whole					Describe 5 ratios in this picture.