

Are You Ready for 7th Grade Math?

Decimals

Add, subtract, multiply, divide
Round (to the nearest whole, tenth, hundredth, etc.)
Convert decimals to fractions

Fractions

Add, subtract, multiply, divide
Find a common denominator
Simplify and Reduce
Mixed \leftrightarrow Improper
Order (ex: least to greatest)
Convert fractions to decimals
Find Greatest Common Factor (GCF) and Least Common Multiple (LCM)

Geometry

Calculate area & perimeter of 2-dimensional shapes (square, rectangle, triangle, circle)
Identify parts of a circle (radius, diameter, circumference)

Central Tendency

Calculate mean, median, mode and range of a set of data

Equations

Solve and check one-step equations

Order of Operations

Know and use efficiently for multi-step operations
Understand grouping symbols: includes any grouping symbol (), [], $\frac{a+b}{c}$

Suggested websites:

www.ixl.com/math/

www.mathgames.com/standards/ (choose grade 6 or 7)

<https://prodigygame.com/play/>

www.mathplayground.com (choose Common Core -> grade 6)

www.commoncoresheets.com

www.khanacademy.org

www.corestandards.org