

# Entering 8<sup>th</sup> Grade Math Menu Summer 2019

## Numbers & Operations

(5 points each)

- IXL 8.A.7 GCF and LCM word problems
- IXL 8.B.4 Compare & Order Integers
- IXL 8.D.8 Put rational numbers in order
- IXL 8.F.2 Evaluate Exponents

## Algebraic Thinking

(5 points each)

- IXL 8.U.5 Number sequences word problems
- IXL 8.W.1 Which  $x$  satisfies the equation
- IXL 8.W.8 Solve multi-step equations
- IXL 8.W.2 Write an equation from words

## Geometry & Measurement

(5 points each)

- IXL 8.L.5 Precision
- IXL 8.S.2 Nets of 3D figures
- IXL 8.T.2 Area
- IXL 8.T.5 Circle, Semi-circles, & quarter-circles
- IXL 8.T.7 Volume of cubes, prisms, and pyramids

## Worksheet Options (15 points each)

- Week 30 (Monday-Friday)
- Week 31 (Monday-Friday)
- Week 32 (Monday-Friday)
- Week 33 (Monday-Friday)
- Week 34 (Monday-Friday)

## Fractions

(5 points each)

- IXL 8.E.9 Evaluate numerical expressions involving rational numbers
- IXL 8.D.3 Round Decimals & Mixed Numbers
- IXL 8.J.1 Convert between percents, fractions, and decimals.
- IXL 8.J.7 Percents of numbers word problems

## Proportional Relationships

(5 points each)

- IXL 8.I.6 Identify proportional relationships
- 8.I.1 Finding the constant of proportionality from a table
- 8.H.7 Solve proportions: word problems
- 8.H.4 Equivalent Ratios word problems

## Data, Statistics & Probability

(5 points each)

- IXL 8.CC.15 Interpret Circle Graphs
- IXL 8.DD.1 Calculate mean, median, mode and range.
- IXL 8.EE.1 Probability of Simple Events
- IXL 8.EE.4 Make Predictions

## Projects (30 points each)

- Baseball Math (see link) At the Fair
- Extreme Playground Makeover
- Planning a Trip