

8th Math Power GLE's

- N1B 1) Use fractions, decimals, and percents to solve problems. **DOK 2**
CCSS Standards Code: NS.1
- N2C 2) Apply properties of operations to all rational numbers including order of operations and inverse operations. **DOK 2**
CCSS Standards Code: 8.EE.1
- A1C 3) Compare, contrast, and generalize various forms of patterns graphically or numerically with words or symbolic rules using explicit notation. **DOK 3**
Prerequisite - A1B
CCSS Standards Code: 8.EE.5 8.F.2
- A2A 4) Use symbolic algebra to represent and solve problems. **DOK 3**
CCSS Standards Code: 8.EE.6 8.EE.7.b 8.EE.8.c 8.SP.3
- A4A 5) Analyze the nature of changes (including slope and intercepts) in quantities in linear relationships. **DOK 2**
CCSS Standards Code: 8.EE.5 8.F.4 8.SP.3
- G2A 6) Use coordinate geometry to analyze properties of right triangles and quadrilaterals (including the use of the Pythagorean Theorem). **DOK 2**
Prerequisite – G1A
CCSS Standards Code: 8.G.8
- G3A 7) Reposition shapes under formal transformations such as reflection, rotation and translation. **DOK 2**
CCSS Standards Code: 8.G.1.a 8.G.1.b 8.G.1.c 8.G.2 8.G.3 8.G.4
- G3B 8) Describe the relationship between the scale factor and the area of the image using a dilation (stretching and shrinking) **DOK 2**
CCSS Standards Code: 8.G.3