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| --- | --- | --- | --- | --- | --- |
| Concept | Skill | Self-Assess  Date & Score | Re-Assess #1  Date & Score | Re-Assess #2  Date & Score | Re-Assess #3  Date & Score |
| Real Number Operations | Integer Operations |  |  |  |  |
| Adding/Subtracting Fractions |  |  |  |  |
| Multiplying/Dividing Fractions |  |  |  |  |
| Order of Operations |  |  |  |  |
| Square Roots and Surface Area | Square Roots of Perfect Squares |  |  |  |  |
| Square Roots of Non-Perfect Squares |  |  |  |  |
| Surface Areas of Objects Made from Right Rectangular Prisms |  |  |  |  |
| Surface Areas of Other Composite Objects |  |  |  |  |
| Powers and Exponent Laws | Powers of Ten and the Zero Exponent |  |  |  |  |
| Order of Operations with Powers |  |  |  |  |
| Exponent Laws for Products and Quotients of Powers |  |  |  |  |
| Exponent Law for Power of a Power |  |  |  |  |
| Exponent Laws for Power of a Product and Power of a Quotient |  |  |  |  |
| Rational Numbers | Adding Rational Numbers |  |  |  |  |
| Subtracting Rational Numbers |  |  |  |  |
| Multiplying Rational Numbers |  |  |  |  |
| Dividing Rational Numbers |  |  |  |  |
| Order of Operations with Rational Numbers |  |  |  |  |
| Linear Relations | Writing Equations to Describe Patterns |  |  |  |  |
| Recognize Equations of Horizontal, Vertical and Oblique Lines |  |  |  |  |
| Matching Equations and Graphs |  |  |  |  |
| Using Graphs to Estimate Values |  |  |  |  |
| Interpolating and Extrapolating |  |  |  |  |
| Polynomials | Modelling Polynomials |  |  |  |  |
| Like and Unlike Terms |  |  |  |  |
| Adding Polynomials |  |  |  |  |
| Subtracting Polynomials |  |  |  |  |
| Multiplying and Dividing a Polynomial by a Constant |  |  |  |  |
| Multiplying and Dividing a Polynomial by a Monomial |  |  |  |  |
| Linear Equations | Solving Equations Using by Inverse Operations |  |  |  |  |
| Solving Equations by Using Balancing Strategies |  |  |  |  |
| Solving Linear Inequalities by Using Addition and Subtraction |  |  |  |  |
| Solving Linear Inequalities by Using Multiplication and Division |  |  |  |  |
| Similarities and Transformations | Scale Diagrams and Enlargements |  |  |  |  |
| Scale Diagrams and Reductions |  |  |  |  |
| Similar Polygons |  |  |  |  |
| Similar Triangles |  |  |  |  |
| Reflections and Lines of Symmetry |  |  |  |  |
| Rotations and Rotational Symmetry |  |  |  |  |
| Circle Geometry | Property of Tangents to a Circle |  |  |  |  |
| Properties of Chords in a Circle |  |  |  |  |
| Properties of Angles in a Circle |  |  |  |  |
| Probability and Statistics | Probability in Society |  |  |  |  |
| Potential Problems with Collecting Data  Using Samples and Populations to Collect Data |  |  |  |  |
| Selecting a Sample |  |  |  |  |