



- 5.2 Construct T-tables to create ordered pairs
- 5.3 Create an x-y coordinate plane
- 5.4 Develop appropriate scales on x and y axes
- 5.6 Identify quadrants, origin and axes on coordinate planes
- 5.7 Graph a linear equation
- 5.8 Define slope and compute it using point slope formula
- 5.9 Differentiate between mean, median, mode and range
- 5.10 Find the probability of conditional and mutually exclusive events

**Standard 6: The student understands and applies basic and advanced concepts of probability.**

- 6.1 Write algebraic expressions for computing problems with overlap
- 6.2 Multiply and add probabilities
- 6.3 Describe events that are certain to have a probability of 1
- 6.4 Describe events that cannot occur and have a probability of 0

**Standard 7: The student understands and applies basic and advanced properties of the concepts of geometry.**

- 7.1 Identify corresponding, vertical, opposite, interior, supplementary and complementary angles
- 7.2 Apply angle rules and use to compute missing angle values for above angle types
- 7.3 Classify quadrilaterals
- 7.4 Find/calculate the areas of triangles, quadrilaterals and circles
- 7.5 Compute surface area of cubes, rectangular prisms, cylinders and triangular prisms
- 7.6 Compute the volumes of cubes, rectangular prisms, cylinders and spheres
- 7.7 Demonstrate slides, reflections, translations and tessellations
- 7.8 Expand and contract figures on a coordinate plane
- 7.9 Draw lines of symmetry
- 7.10 Find the measure of a missing angle in a triangle
- 7.11 Recognize congruence in figures
- 7.12 Draw and label similar figures
- 7.13 Demonstrate rotations around a fixed point
- 7.14 Use similarity to make scale drawings
- 7.15 Use Pythagorean Theorem to find missing side lengths of right triangles
- 7.16 Construct perpendicular and parallel lines
- 7.17 Identify the parts of a circle

7.18 Calculate the circumference of a circle, identify Pi as a ratio of C to D

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