

Mathematics
Reference Sheet Policy

In order to meet the intent and structure of the Utah Core, reference sheets will not be constructed for use on the elementary and secondary summative and interim assessments.

Students in the elementary grades are asked to identify, justify, apply and work with basic geometric rectangle, triangle, special quadrilaterals and polygons to understand the structure and meaning perimeter, area, surface area and volume. Depending upon the intent of the core standard and the item assessed a formula may or may not be given in the stem of the problem to help with this understanding.

In secondary mathematics students are asked to know the formulas used in their previous study and to increase their knowledge by knowing the formulas for circumference, area of circles and volume of cones, cylinders, and spheres. If needed to meet the intent of the standard being assessed, formulas may or may not be included in the stem of the item.

Formula usage will be determined by the item writing and review committees.

Examples:

- Formulas for surface area of cones and spheres, not mentioned specifically in the core, will be given in the stem of items that require the use of the formula.
- Test items that require the use of the Law of Sine and Law of Cosine formulas will be identified in the stem together with the Pythagorean Theorem Formula. The student will have to identify the formula that is to be use based on the information in the item.