

Math Standard: 12.4.1 Two- and Three-Dimensional Shapes

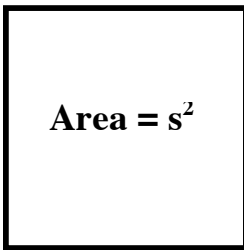
Level: High School

Standard/Benchmark Analysis: 12.4.1

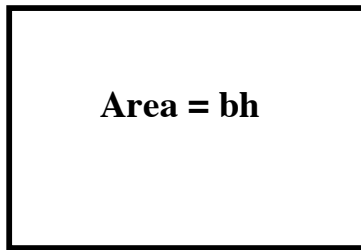
By the end of the twelfth grade, students will calculate perimeter and area of two-dimensional shapes and surface area and volume of three-dimensional shapes.

Example

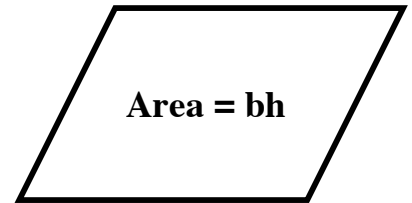
Area of Two-Dimensional Shapes



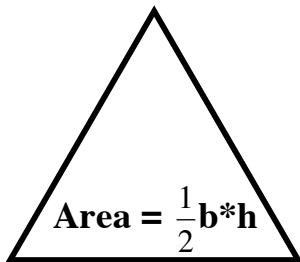
Square



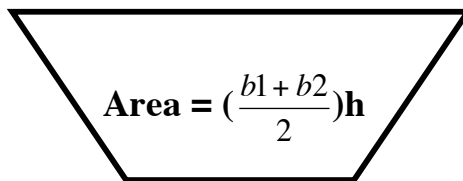
Rectangle



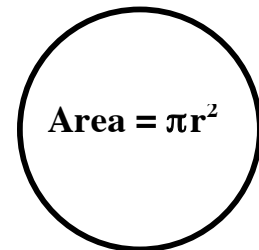
Parallelogram



Triangle



Trapezoid

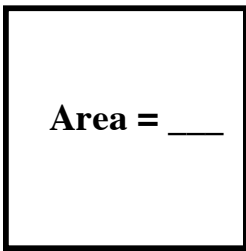


Circle

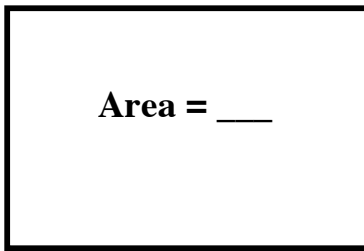
Blank Diagram for 12.4.1

Area of Two-Dimensional Shapes

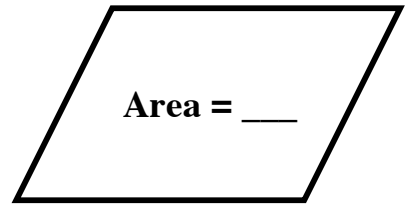
Fill in the formula for each shape.



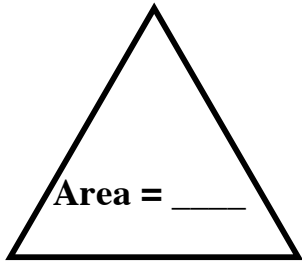
Square



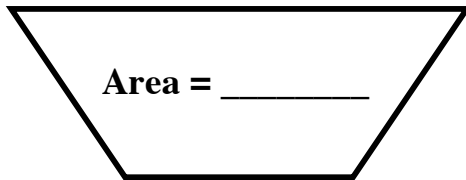
Rectangle



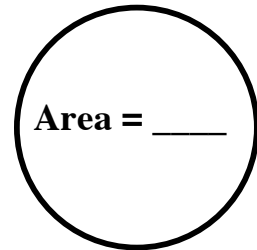
Parallelogram



Triangle



Trapezoid



Circle