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| **MT: Geometry** |
|  | **Learn** | **Practice** |
| **Target 1:** : Find the area of triangles, quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems. (M.6.G.1) | * <http://quizlet.com/39954362/geometry-6g1-flash-cards/>
* <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-area/v/area-of-a-parallelogram>
* <http://www.youtube.com/watch?v=461qf7N7Qbg&feature=player_embedded>
* <http://www.sophia.org/tutorials/area-of-a-parallelogram-with-triangles-and-rectang--5>
* <http://www.sophia.org/tutorials/area-of-a-parallelogram-with-triangles-and-rectang--3>
* <http://www.sophia.org/tutorials/area-of-a-parallelogram-with-triangles-and-rectang--2>
* <http://learnzillion.com/lessons/1883-find-the-area-of-a-right-triangle>
* <http://learnzillion.com/lessons/1059-find-the-area-of-nonright-triangles-by-composing-a-parallelogram>
* <http://www.youtube.com/watch?feature=player_embedded&v=c9o-sD1lRj0>
* <http://www.sophia.org/tutorials/area-of-a-triangle--8>
* <http://www.wyzant.com/resources/lessons/math/geometry/areas/parallelograms_and_triangles>
* <http://www.wikihow.com/Sample/Area-of-a-Triangle-Base-Times-Height>
* <http://www.wikihow.com/Calculate-the-Area-of-a-Triangle>
* <http://mathschallenge.net/library/geometry/area_planar>
* <http://www.mathgoodies.com/lessons/vol1/area_triangle.html>
* <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-area/v/area-of-a-trapezoid-1>
* <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-area/v/area-comparisons>
* <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-area/v/area-of-a-kite>
* <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-area/v/area-breaking-up-shape>
* <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-area/v/area-of-strange-quadrilateral>
* <http://learnzillion.com/lessons/1060-find-the-area-of-a-trapezoid-by-composing-a-parallelogram>
* <http://learnzillion.com/lessons/1061-find-the-area-of-polygons-by-decomposing-into-triangles-rectangles-parallelograms-and-trapezoids>
* <http://www.sophia.org/tutorials/area-of-a-rhombus--2>
* <http://www.sophia.org/tutorials/formula-for-the-area-of-a-parallelogram--14>
* <http://www.sophia.org/tutorials/area-of-a-rhombus--12>
* <http://www.sophia.org/tutorials/area-formula>
* <http://www.sophia.org/tutorials/area-formulas>
* <http://www.sophia.org/tutorials/the-area-of-a-regular-polygon--3>
* <http://www.wikihow.com/Sample/Area-of-a-Triangle-Base-Times-Height>
* <http://www.wikihow.com/Calculate-the-Area-of-a-Triangle>
* <http://www.mathgoodies.com/lessons/vol1/area_trapezoid.html>
* <http://learnzillion.com/student/lessons/3397-solve-real-world-problems-by-finding-the-area-of-a-rectangle>
* <http://www.youtube.com/watch?v=rwohMXc13gk>
* <http://www.youtube.com/watch?v=BKEmIxGhSE4>
* <http://www.youtube.com/watch?v=YPbF7t4Xt1E>
* <http://www.mathgoodies.com/lessons/vol1/area_parallelogram.html>
 | * <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-area/e/area_of_parallelograms>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-coordinate-plane/e/coordinate-plane-word-problems>
* <http://www.ixl.com/math/geometry/area-of-compound-figures>
* <http://www.sophia.org/tutorials/area-of-a-parallelogram-with-triangles-and-rectang--5>
* <http://www.sophia.org/tutorials/area-of-a-parallelogram-with-triangles-and-rectang--2>
* <http://www.ixl.com/math/grade-7/area-of-rectangles-and-parallelograms>
* <http://www.sophia.org/tutorials/area-of-a-triangle--8>
* <http://www.mathgoodies.com/lessons/vol1/area_triangle.html>
* <http://www.orglib.com/6.g.1-area-10previewTest_0d1520c2bb_c903c493c7614022aa24fa9a921d1115_689_20_4_633a639790984973b29ed61ca0538400.html>
* <http://www.orglib.com/6.g.1-area-9previewTest_0d1520c2bb_c903c493c7614022aa24fa9a921d1115_689_20_5_b3a68b1255f4439293368c8c28c5757f.html>
* [http://www.commoncoresheets.com/Math/Area/Area%20of%20Triangles%20(base%20and%20height)/2.pdf](http://www.commoncoresheets.com/Math/Area/Area%20of%20Triangles%20%28base%20and%20height%29/2.pdf)
* <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-area/e/areas_of_trapezoids_rhombi_and_kites>
* <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-area/e/area-of-quadrilaterals-and-polygons>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-coordinate-plane/e/coordinate-plane-word-problems>
* <http://www.ixl.com/math/geometry/area-of-compound-figures>
* <http://www.sophia.org/tutorials/area-of-a-rhombus--2>
* <http://www.sophia.org/tutorials/formula-for-the-area-of-a-parallelogram--14>
* <http://www.sophia.org/tutorials/area-of-a-rhombus--12>
* <http://www.sophia.org/tutorials/area-formulas>
* <http://illuminations.nctm.org/Activity.aspx?id=3567>
* <http://www.mathgoodies.com/lessons/vol1/area_trapezoid.html>
* <http://www.mathgoodies.com/lessons/vol1/area_parallelogram.html>
* <http://www.ixl.com/math/grade-6/area-of-compound-figures>
* <http://www.ixl.com/math/grade-6/area>
* [http://www.commoncoresheets.com/Math/Area/Area%20of%20Triangles%20(base%20and%20height)/1.pdf](http://www.commoncoresheets.com/Math/Area/Area%20of%20Triangles%20%28base%20and%20height%29/1.pdf)
* [http://www.commoncoresheets.com/Math/Area/Area%20of%20Triangles%20(base%20and%20height)/2.pdf](http://www.commoncoresheets.com/Math/Area/Area%20of%20Triangles%20%28base%20and%20height%29/2.pdf)
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| **Target 2:** Apply the formulas V=lwh and V=Bh to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems. (M.6.G.2) | * <http://quizlet.com/39955072/geometry-6g2-flash-cards/>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-volume-surface-area/v/volume-of-a-rectangular-prism-with-fractional-cubes>
* <http://learnzillion.com/lessons/1062-find-the-volume-of-a-rectangular-prism-by-filling-it-with-unit-cubes>
* <http://www.wikihow.com/Calculate-the-Volume-of-a-Rectangular-Prism>
* <http://www.youtube.com/watch?v=u1nWI2b0fT4>
* <http://www.youtube.com/watch?v=E8tuMaDxgJM>
* <http://www.youtube.com/watch?v=jgpwhYLm6uo>
* <http://www.youtube.com/watch?v=nZxldpVaQLo>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-volume-surface-area/v/volume-of-a-rectangular-prism-with-fractional-dimensions>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-volume-surface-area/v/marbles-in-tank-volume>
* <http://learnzillion.com/lessons/1063-find-the-volume-of-a-rectangular-prism-by-developing-a-formula>
* <http://www.youtube.com/watch?v=E8tuMaDxgJM>
* <http://www.youtube.com/watch?v=Cx4XDe8TUHM>
* <http://www.youtube.com/watch?v=LXVEEouCVg4>
* <http://www.ck12.org/geometry/Volume-of-Prisms/enrichment/Volume-of-a-Cube-or-Cuboid-using-V-lwh-Overview/r1/>
* <http://www.mathsisfun.com/cuboid.html>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-volume-surface-area/v/marbles-in-tank-volume>
* <http://learnzillion.com/lessons/1064-find-the-volume-of-a-rectangular-prism-with-fractional-edge-lengths>
* <http://www.youtube.com/watch?v=Msec9lz37fI>
* <http://www.ck12.org/geometry/Volume-of-Prisms/enrichment/Volume-of-Liquids-Example-5/r1/>
* <http://www.ck12.org/geometry/Volume-of-Prisms/enrichment/Volume-of-a-Cube-or-Cuboid-using-V-Bh-Example-1/r1/>
 | * <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-volume-surface-area/e/volume_with_unit_cubes_2>
* <http://www.xpmath.com/forums/arcade.php?do=play&gameid=118>
* <http://www.learner.org/interactives/geometry/area_volume.html>
* <http://www.mathvillage.info/node/111>
* <http://www.mangahigh.com/en-us/math_games/shape/length_area_and_volume/volume_of_a_rectangular_prism>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-volume-surface-area/e/volume_with_fractions>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-volume-surface-area/e/volume-word-problems-with-fractions>
* <http://www.shodor.org/interactivate/activities/SurfaceAreaAndVolume/>
* <http://www.opusmath.com/common-core-standards/6.g.2-find-the-volume-of-a-right-rectangular-prism-with-fractional-edge-lengths>
* <http://www.ck12.org/assessment/ui/build-20140410183904/views/test.view.new.html?52292efeda2cfe08d17b08b5?type=practice&referrer=practice_details&ep=http://www.ck12.org/geometry/Volume-of-Prisms/asmtpractice/Volume-of-Prisms-Practice/r1/>
* <http://www.mathsisfun.com/cuboid.html><http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-volume-surface-area/e/volume-word-problems-with-fractions>
* <http://www.opusmath.com/common-core-standards/6.g.2-find-the-volume-of-a-right-rectangular-prism-with-fractional-edge-lengths>
* <http://www.ck12.org/assessment/ui/build-20140410183904/views/test.view.new.html?52292efeda2cfe08d17b08b5?type=practice&referrer=practice_details&ep=http://www.ck12.org/geometry/Volume-of-Prisms/asmtpractice/Volume-of-Prisms-Practice/r1/>
* <http://www.mangahigh.com/en-us/math_games/shape/length_area_and_volume/volume_of_a_rectangular_prism>
* <http://www.algebralab.org/practice/practice.aspx?file=Word_VolumePrisms.xml>
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| **Target 3:** Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems. (M.6.G.3) | * <http://quizlet.com/39955331/geometry-6g3-flash-cards/>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-coordinate-plane/v/the-coordinate-plane>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-polygons-in-the-coordinate-plane/v/Analyzing%20polygon%20on%20the%20coordinate%20plane>
* <http://learnzillion.com/lessons/1067-determine-unknown-ordered-pairs-using-the-characteristics-of-polygons>
* <http://www.youtube.com/watch?feature=player_embedded&v=s7NKLWXkEEE>
* <http://www.ck12.org/geometry/Polygon-Classification-in-the-Coordinate-Plane/lesson/user%3AbHlhLnNuZWxsQGhlbnJ5LmsxMi5nYS51cw../Polygons-in-the-Coordinate-Plane-MCC6.G.3/>
* <http://www.onlinemathlearning.com/polygon-coordinate-plane-6g3.html>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-coordinate-plane/v/coordinate-plane-word-problems-exercise>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-polygons-in-the-coordinate-plane/v/constructing-polygon-on-coordinate-plane-example>
* <http://learnzillion.com/lessons/1068-find-distances-on-a-map-by-comparing-ordered-pairs>
* <http://www.ck12.org/section/The-Coordinate-Plane/>
* <http://www.youtube.com/watch?v=4bFowyMCGqo>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-coordinate-plane/v/coordinate-plane-word-problems-exercise>
* <http://learnzillion.com/lessons/1068-find-distances-on-a-map-by-comparing-ordered-pairs>
* <http://www.ck12.org/section/The-Coordinate-Plane/>
* <http://www.youtube.com/watch?v=4bFowyMCGqo>
* <http://www.youtube.com/watch?v=jpYkzj2BPyM>
 | * <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-coordinate-plane/e/identifying_points_1>
* <http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-polygons-in-the-coordinate-plane/e/polygons-in-the-coordinate-plane>
* <http://www.ck12.org/geometry/Polygon-Classification-in-the-Coordinate-Plane/lesson/user%3AbHlhLnNuZWxsQGhlbnJ5LmsxMi5nYS51cw../Polygons-in-the-Coordinate-Plane-MCC6.G.3/>
* <http://www.onlinemathlearning.com/polygon-coordinate-plane-6g3.html>
* [http://mathsframe.co.uk/en/resources/resource/153/coordinates\_\_reasoning\_about\_position\_and\_shapes#](http://mathsframe.co.uk/en/resources/resource/153/coordinates__reasoning_about_position_and_shapes)<http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-geometry-topic/cc-6th-polygons-in-the-coordinate-plane/e/drawing-polygons>
* <https://www.softchalkcloud.com/lesson/files/6y1kqdc5RIwiJ7/M6G3_print.html>
* <http://www.ck12.org/section/The-Coordinate-Plane/>
* <http://www.commoncoresheets.com/Math/Grids/Finding%20Distance%20Same%20X%20or%20Y/1.pdf>
* <http://www.commoncoresheets.com/Math/Grids/Finding%20Distance%20Same%20X%20or%20Y/2.pdf><http://www.ck12.org/section/The-Coordinate-Plane/>
* <http://www.commoncoresheets.com/Math/Grids/Finding%20Distance%20Same%20X%20or%20Y/2.pdf>
* <http://www.commoncoresheets.com/Math/Grids/Finding%20Distance%20Same%20X%20or%20Y/3.pdf>
* <http://www.mathplayground.com/mathgames/SL_LocateAliens_secure.swf>
* <http://www.ixl.com/math/grade-6/coordinate-graphs-review>
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