Online Videos

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| Ch. 11 Measuring Length and Area | |
| 11.1 Areas of Triangles and Parallelograms | [What is the Formula for the Area of a Parallelogram?](http://www.virtualnerd.com/geometry/length-area/parallelogram-triangles-area/parallelogram-area-formula)  [How Do You Find the Area of a Parallelogram?](http://www.virtualnerd.com/geometry/length-area/parallelogram-triangles-area/parallelogram-area-example)  [What is the Formula for the Area of a Triangle?](http://www.virtualnerd.com/geometry/length-area/parallelogram-triangles-area/triangle-area-formula)  [How Do You Find the Area of a Triangle?](http://www.virtualnerd.com/geometry/length-area/parallelogram-triangles-area/triangle-area-example)  [How Do You Find the Height of a Triangle if You Know the Area and Base?](http://www.virtualnerd.com/geometry/length-area/parallelogram-triangles-area/triangle-height-from-area-base)  [What is a Composite Figure?](http://www.virtualnerd.com/geometry/length-area/regular-polygons-composite-figures-area/composite-figure-definition)  [How Do You Find the Area of a Composite Figure?](http://www.virtualnerd.com/geometry/length-area/regular-polygons-composite-figures-area/composite-figure-area) |
| 11.2 Areas of Trapezoids, Rhombuses, and Kites | [What is the Formula for the Area of a Trapezoid?](http://www.virtualnerd.com/geometry/length-area/trapezoids-rhombuses-kites-area/trapezoid-area-formula)  [How Do You Find the Area of a Trapezoid?](http://www.virtualnerd.com/geometry/length-area/trapezoids-rhombuses-kites-area/trapezoid-area-example)  [How Do You Find the Height of a Trapezoid if You Know the Area and Bases?](http://www.virtualnerd.com/geometry/length-area/trapezoids-rhombuses-kites-area/trapezoid-height-from-area-bases)  <https://www.youtube.com/watch?v=SxMOWAo1q6U> – How to Find the Area of a Trapezoid, Kite, and Rhombus |
| 11.3 Perimeter and Area of Similar Figures | [How Do You Use Similar Figures to Find the Area of a Polygon?](http://www.virtualnerd.com/geometry/length-area/perimeter-similar-figures/similar-figures-area-polygon)  <https://www.youtube.com/watch?v=ae-1sTd_qoc> – Perimeter and Area of Similar Figures |
| 11.4 Circumference and Arc Length | [What is Circumference?](http://www.virtualnerd.com/geometry/length-area/circumference-arc-length/circlue-circumference-formula)  [How Do You Find the Circumference of a Circle if You Know the Radius?](http://www.virtualnerd.com/geometry/length-area/circumference-arc-length/circle-circumference-from-radius)  [How Do You Find the Circumference of a Circle if You Know the Diameter?](http://www.virtualnerd.com/geometry/length-area/circumference-arc-length/circle-circumference-from-diameter)  [How Do You Find the Radius of a Circle if You Know the Circumference?](http://www.virtualnerd.com/geometry/length-area/circumference-arc-length/circle-radius-from-circumference)  <https://www.youtube.com/watch?v=6lF1Kz6c2r4> – How to Find Arc Length of a Circle |
| 11.5 Areas of Circles and Sectors | [What is the Formula for the Area of a Circle?](http://www.virtualnerd.com/geometry/length-area/circles-sectors-area/circle-area-formula)  [How Do You Find the Area of a Circle if You Know the Radius?](http://www.virtualnerd.com/geometry/length-area/circles-sectors-area/circle-area-from-radius)  [How Do You Find the Area of a Circle if You Know the Diameter?](http://www.virtualnerd.com/geometry/length-area/circles-sectors-area/circle-area-from-diameter)  [How Do You Find the Radius of a Circle if You Know the Area?](http://www.virtualnerd.com/geometry/length-area/circles-sectors-area/circle-radius-from-area)  [What is a Sector and Central Angle?](http://www.virtualnerd.com/geometry/circles/inscribed-angles/sector-central-angle-definitions)  [What is the Formula for the Area of a Sector of a Circle?](http://www.virtualnerd.com/geometry/length-area/circles-sectors-area/sector-area-formula)  [How Do You Find the Area of a Sector of a Circle?](http://www.virtualnerd.com/geometry/length-area/circles-sectors-area/circle-sector-area) |
| 11.6 Areas of Regular Polygons | [How Do You Find the Area of a Regular Polygon When You Know the Length of the Apothem?](http://www.virtualnerd.com/geometry/length-area/regular-polygons-composite-figures-area/area-regular-pentagon-given-apothem)  <https://www.youtube.com/watch?v=HlcHd-psOWs> – Area of Regular Polygons |