

Weekly homework: "Introduction to Geometry" by ArtOfPS

Course schedule (subject to change)

1st Sem	Sat	Content	HW Assignment
1.	9/10/16	Orientation and Assessment	
2.	9/17/16	What's in a Name?, Angles	Chapter 1
3.	9/24/16	Congruent Triangles – SSS, SAS	Chapter 2
4.	10/1/16	Congruent Triangles – ASA, AAS	Chapter 3
5.	10/8/16	Perimeter and Area	Chapter 3
6.	10/15/16	Similar Triangles and AA, SAS, SSS Similarity	Chapter 5
7.	10/22/16	Angles and Parallels Construction	Chapter 5, 6
8.	10/29/16	Contest#1	
9.	11/5/16	Right Triangles: Pythagorean Theorem and Triples	Chapter 6
10.	11/12/16	2 Special Right Triangles and Heron's formula	Chapter 6
11.	11/19/16	Special Parts of a Triangle: Perpendicular and angle Bisectors	Chapter 7
Tkgivin	11/26/16	NO class	NO class
12.	12/3/16	Special Parts of a Triangle: Medians and Altitudes	Chapter 7
13.	12/10/16	Contest#2	
14.	12/17/16	Perpendicular Lines and Bisectors Construction	Chapter 6, 7
Xmas	12/24/16	NO class	NO class
New Yr	12/31/16	NO class	NO class
15.	1/7/17	Quadrilateral Basics – Trapezoids and Parallelograms	Chapter 8
16.	1/14/17	Contest#3	Chapter 8
17.	1/21/17	Quadrilateral Basics – Square and Rectangles, If and Only if	Chapter 8
2nd Sem	Sat	Content	HW Assignment
1.	1/28/17	Polygons	Chapter 9
2.	2/4/17	Geometric Inequalities: sides and angles of triangle	Chapter 10
3.	2/11/17	The triangle Inequalities	Chapter 10
Wntr Brk	2/18/17	NO class	NO class
4.	2/25/17	Circles: Arc measure, length, and circumference and area	Chapter 11
5.	3/4/17	Contest#4	
6.	3/11/17	Circles and angles: Inscribed angles, Angles inside and outside circles	Chapter 12
7.	3/18/17	Circles and angles: Tangents and its construction	Chapter 12
8.	3/25/17	Power of a point	Chapter 13
9.	4/1/17	3D Geometry	Chapter 14
Sp Brk	4/8/17	NO class	NO class
10.	4/15/17	Contest#5	Chapter 15
11.	4/22/17	Curved Surfaces: Cylinders, Cones, Spheres	Chapter 16
12.	4/29/17	Translations and rotations	
13.	5/6/17	Reflections and Dilation	Chapter 16
14.	5/13/17	Analytic Geometry: Line and Circles	Chapter 17
15.	5/20/17	Proof of Analytic Geometry	Chapter 17
16.	5/27/17	Distance between a pt and a line, Advanced Analytic Geometry problems	Chapter 17
17.	6/3/17	Games and Party	