

Unit 9- Objectives

Objective I - Name and Draw Prisms and Cylinders

- a. Draw 3-D figures
- b. Understand height, lateral edge, and base edge.
- c. Be able to create and identify nets.
- d. Be able to draw plane sections, planes of symmetry and identify plane sections by shape.

Objective II - Name and Draw Pyramids and Cones

- a. Draw pyramids and cones
- b. Identify height, lateral edge, base edge, and slant height.
- c. Draw and identify nets.
- d. Be able to draw plane sections, planes of symmetry and identify plane sections by shape.

Objective III - Draw and Use Spheres

- a. Draw spheres.
- b. Identify great and small circles

Objective IV - Distributed Practice

Assign. #	Section	Objective	Page and Problem #	# of Probs.	Due Date
1	9.3	Drawing Prisms and Cylinders DP: Ch. 8	Pg 508-509 #3-13,16-18 Pg. 491 29-31 Pg. 493 #57-59	14 3 3	
2	9.4	Drawings Pyramids and Cones DP: Drawing Prisms and Cylinders DP: Ch. 8	Pg. 514 5-11, 14, 16-18 Pg. 510 19, 20 Pg. 491 23, 27, 28, 33, 34, 41	10 2 6	
3	9.5	Conic Sections DP: Drawing cones and pyramids DP: Area	Pg. 522 #11-18 Pg. 524 20-24 Pg. 556 12, 13	9 5 2	
4	9.6	Reflection Symmetry in Space DP: Drawing 3-D figures	Pg. 528 1, 4-7, 9, 11 Pg. 529 14-21	7 8	
5	9.7	Viewing Surfaces and Solids DP: Drawing 3-D figures	Pg. 533 #2-14 Pg. 534 #17-19,21,22	13 5	
6	9.8	Nets for 3-D figures DP: Viewing Surfaces and Solids DP: Drawing 3-D figures DP: Chapter 3 DP: Finding Area	Pg. 540 #1-5, 8 (to scale),11-16 Pg 541 #18-20 Pg. 542 #21 Pg 542 #25 Pg 492 #42-44	11 3 1 1 3	