Final Exam Review

Chapter 1

1-3 distance and midpoint (p. 26 17, 21,37,43)

1-4 Angles vocab- acute, right, obtuse, solving for bisected angles (p. 36 17,25, 31,33,35)

1-5 Angle relationships- adjacent, vertical, linear pair,supplementary, complementary (p.45 9-21 odd)

1-6 Area and circumference and names of polygons (p 54 3,7,9,11, 13,17)

1-7 Volume, Surface Area, and vocabulary (p. 64 7, 9,11,13,15)

# Chapter 3

3-1 vocabulary- alternate interior angles, alternate exterior angles, consecutive interior angles, corresponding angles, parallel, skew (p. 145 13,15,17,19,25-35odd)

3-2 finding angles of parallel lines (p. 152 7-21 odd)

3-3 slopes of lines (p.160 9-19 odd,23,25,27)

3-4 equations of lines (p.169 13,19,25,29,31,37)

3-5 proving lines parallel (p.176 9-19 odd)

# Chapter 4

4-1 vocabulary- acute, obtuse, right, scalene, isosceles, equilateral (p.205 1,3,5,15,17)

4-2 finding angles of triangles (p.214 13-29odd)

4-3 congruent triangles (p.220 1,5 p.232 33,35)

4-4 SSS,SAS (p.230 7,9,11,15,17)

4-5 ASA, AAS (p.238 1,3,7)

4-6 Isosceles triangles- base angles congruent (p.248 15-27 odd)

# Chapter 5

5-1 Bisectors, medians, altitudes ( p. 275 7,13,15

5-2 larger side is opposite larger angle (p. 285 21-31 odd)

5-4 sum of two sides must be greater than third side (p.299 7-13 odd)

5-5 If two sides are congruent then two triangles can be compared using the inequality that large opposite sides are opposite large angles. (p. 307 11-15 odd)

# Chapter 6

6-2 Parallelogram properties (p. 329 15-29 odd)

6-3 Parallelogram properties converse (p.338 21,23,25)

6-4 Rectangle properties (p.344 p. 344 7-21 odd)

6-5 Rhombi and square (p. 352 15-21 odd)

# Chapter 7

7-2 Similar Polygons p. 392 1,5

7-3 Similar Triangles p.401 7,11,15

7-4 Parallel lines and midsegment theorem p. 410 1,15

7-5 Parts of similar triangles p.419 1,5,9,11

# Chapter 8

8-2 Pythagorean Theorem p.444 9,13,19,21

8-3 Special Right Triangles ( 45-45-90 and 30-60-90)

p. 452 9,11,13

8-4 Trigonometry p. 461 45,47,49,51

8-5 Angles of Depression and Elevation p. 467 3

8-6 Law of Sines p.475 13,15

8-7 Law of Cosines p. 482 9,13

# Chapter 9

9-1 Reflections p. 501 13,17

9-2 Translations p. 506 11

9-3 Rotations p. 514 9

9-5 Dilations p.530 11,27

# Chapter 10

10-1 Circles and Circumference p. 558 35

10-2 Central angles and arcs p. 567 11,17,21,25,27

10-3 Chords and arcs p. 574 13-21 odd

10-4 Inscribed angles p. 583 15

10-5 Tangents p. 593 5,11,17

10-8 Equation of a circle p.617 9, 11,29

Radians and degrees- see back

# Chapter 11

11-1 Area of Parallelograms p. 634 7,11

11-2 Area of triangles, trapezoids, and rhombi p.643 11,13,15,27,29

11-3 Area of regular polygons and circles p. 653 17

11-4 Area of composite figures p. 661 7,9,33

11-5 Area of sectors p. 669 15

Probability-see back

# Chapter 13

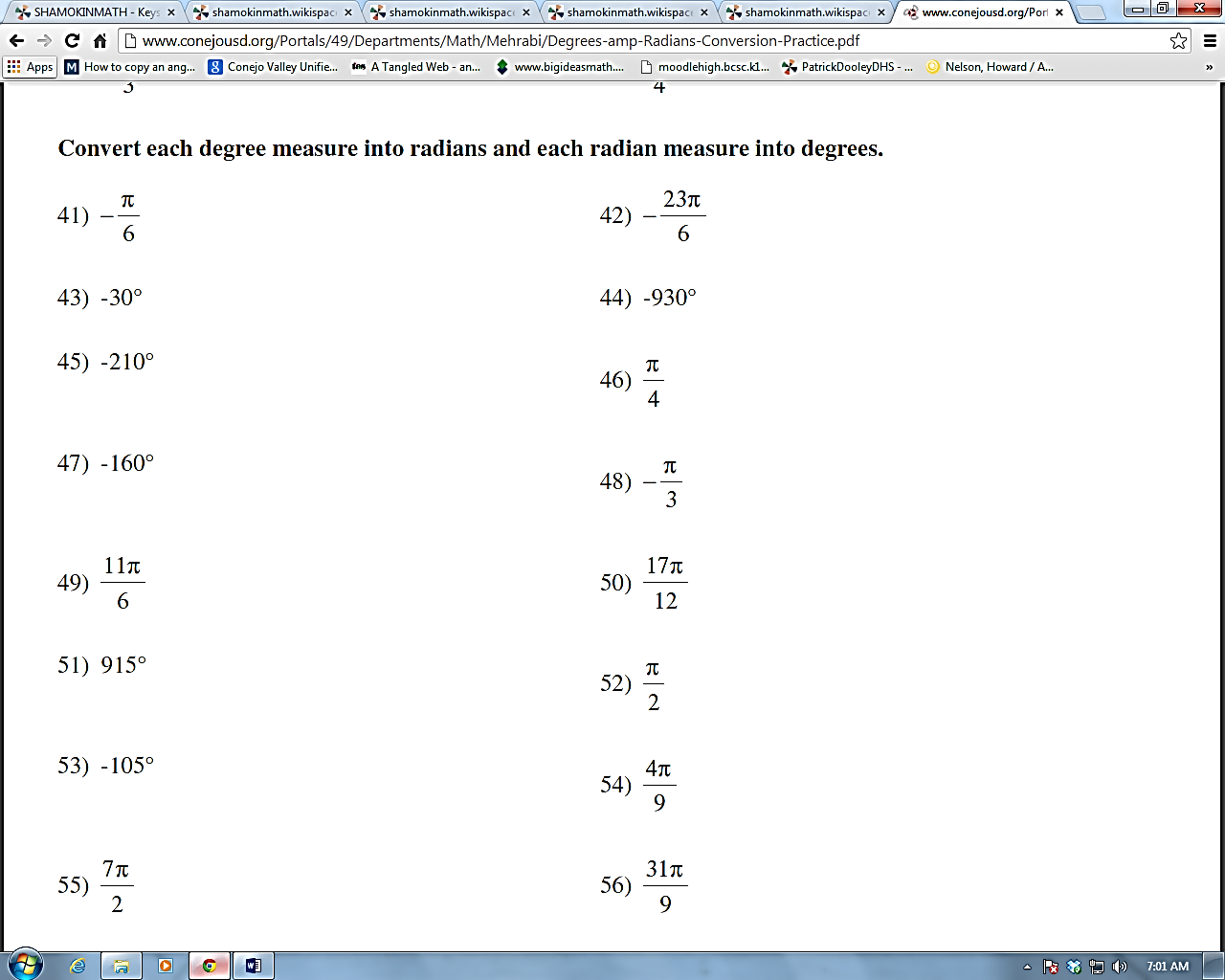
13-1 Volumes of prisms and cylinders p. 732 5,9

13-2 Volumes of pyramids and cones p.740 3,7

13-3 Volumes of spheres (4/3 πr3) p. 746 17,33

13-4Similar Solids p754 11,15,19,21 p.770 2 (H)

**Radians/Degrees:**



**Probability:**

