

Pre-AP Geometry B

Exam Review

- Your exam will count 20% of your final grade and will be held on:
- These review problems, along with the "Practice Exam" is due on:
- Your review is worth 20 points per day plus a 40 point quiz grade

Chapter 8 Right Triangles and Trigonometry + Simplifying Radicals

8.1	Pg. 495	8, 10, 12, 14, 16-18, 24
8.2	Pg. 503	7-13, 15-20
8.3	Pg. 510	17-23
8.4	Pg. 519	19-22
8.5	Pg. 525	9-12
8.6	Pg. 530	11-13
Radicals		Problems on the back of this page

Chapter 9 Transformations

All	Pg. 603	6, 7, 9-11, 14-16, 20, 24, 25
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Chapter 10 Area

10.1	Pg. 619	8, 12, 14, 15, 41
10.2	Pg. 626	11, 18, 19, 20, 22, 23
10.3	Pg. 632	12, 17, 18, 22
10.4	Pg. 638	10, 14, 16, 19
10.5	Pg. 646	6, 8, 14, 16
10.6	Pg. 654	22-25, 30-32

Chapter 11 Surface Area and Volume

11.1	Pg. 692	6, 18, 20
11.2	Pg. 704	11, 12, 14, 18
11.3	Pg. 713	10, 12, 14, 16, 20
11.4	Pg. 721	8, 10, 12, 14, 23, 38
11.5	Pg. 730	9, 10, 14, 17
11.6	Pg. 737	6, 10, 14, 18, 24
11.7	Pg. 746	6, 8, 12, 16, 20

Cumulative Standards Review Problems

Ch 8	Pg. 538	MC 1-3, 5-10
Ch 9	Pg. 608	MC 1-7, 11, 12
Ch 10	Pg. 682	MC 1-6, 8, 9
Ch 11	Pg. 765	MC 1-6, 9, 10

In addition,

ACT/PLAN Practice Questions (30 point quiz grade)

Geometry B

Exam Review - Radicals

Simplify.

1) $-\sqrt{216x^3}$

2) $-7\sqrt{175b^4}$

3) $-3\sqrt{112b^2}$

4) $-4\sqrt{144n^4}$

5) $-6\sqrt{48v^2}$

6) $7\sqrt{75r^4}$

7) $3\sqrt{96x}$

8) $2\sqrt{64n}$

9) $\sqrt{3} \cdot \sqrt{3}$

10) $\sqrt{12} \cdot 4\sqrt{6}$

11) $5\sqrt{6} \cdot \sqrt{8}$

12) $5\sqrt{3x^2} \cdot \sqrt{5x^2}$

13) $\sqrt{3p^3} \cdot \sqrt{20p^2}$

14) $\sqrt{3k} \cdot \sqrt{3k}$

15) $\frac{2\sqrt{15}}{\sqrt{80}}$

16) $\frac{4\sqrt{15}}{\sqrt{4}}$

17) $\frac{4\sqrt{5}}{4\sqrt{125}}$

18) $\frac{4\sqrt{6}}{\sqrt{9}}$

19) $\frac{4\sqrt{5}}{2\sqrt{2}}$

20) $\frac{2\sqrt{5}}{\sqrt{2}}$

21) $\frac{4\sqrt{2}}{\sqrt{5}}$

22) $\frac{2\sqrt{5}}{2\sqrt{3}}$

23) $-\sqrt{20} - \sqrt{20} - 3\sqrt{6}$

24) $-3\sqrt{6} + 3\sqrt{54} - \sqrt{24}$

25) $2\sqrt{27} + 2\sqrt{45} + 2\sqrt{27}$