

PRECALCULUS

Monday, Feb. 6

Precalc Book Sec. 5-1 p. 317
22, 23, 25, 26, 29, 30, 31, 32, 33, 36

NO HOMEWORK
COUPONS!

Precalc Book Sec. 5-2 p. 324
2, 4, 6, 7, 26, 27

Wednesday, Feb. 8

Handout pp. 200-201
45, 48, 51, 56, 57, 60, 67, 75, 80, a, & b below

NO HOMEWORK
COUPONS!

a) $\frac{\cos \beta}{\sec \beta} - \frac{\cot \beta}{\tan \beta} = -\cos^2 \beta \cot^2 \beta$ b) $(\sin \theta + \cos \theta)^2 \tan \theta = \tan \theta + 2 \sin^2 \theta$

Friday, Feb. 10

Handout Sec. 5.3 pp. 207-208
10, 11, 50 ($s - t$), 54, 55, 58, 63

Handout Sec. 5.4 pp. 214-215
17, 20, 47 $\tan (s - t)$, 50 $\sin (s + t)$, 56, 58, 62, 63

Tuesday, Feb. 14

Handout Sec. 5.5 pp. 223-224
1-6, 11 $\tan 2\theta$, 13 $\cos 2x$, 15 $\sin 2\alpha$, 51, 54, 58, 61, 62

Handout Sec. 5.6 pp. 230-231
1-4, 23, 33, 35, 40, 51, 52, 54

Thursday, Feb. 16

Brief Intro to Sum & Product Identities

Review Trig Identities

Tuesday, Feb. 21

Identities Test

ANSWERS

Sec. 5-1 p. 317

- 22. $\cot x$
- 26. $\sin^2 x$
- 30. $-\cot^3 x$
- 32. $2\cot^2 x$
- 36. $2\tan^2 x$

Handout

See answer key attached to handout.