

Student: _____
Date: _____
Time: _____

Instructor: Andy Davis
Course: MATH 130 -
TRIGONOMETRY (4 UNITS) Fall
2008
Book: Sullivan: Trigonometry: A Unit
Circle Approach, 8e

Assignment: Homework 2: Angles,
Arclength and Velocity

1. A
2. A
3. C
4. B
5. D
6. A
7. 41.20
8. 7.10
9. 7.12
10. 59
16
12
11. 42
13
44
12. 12
13
12
13. $\frac{5\pi}{12}$
14. $\frac{17\pi}{12}$
15. $-\frac{3\pi}{4}$
16. $-\pi$

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- 17. $-\frac{\pi}{12}$
- 18. $-\frac{\pi}{2}$
- 19. 120
- 20. 315
- 21. 315
- 22. 18
- 23. -90
- 24. -135
- 25. 0.09
- 26. -0.35
- 27. 2.46
- 28. 185.07
- 29. 572.96
- 30. 233.19
- 31. 2
- 32. 6
- 33. 0.714286
40.926
- 34. 27.227
- 35. 20

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36. 11.225

37. 2.094
4.189

38. 20.944
157.08

39. 10.472

40. 436.33

41. 0.05
0.005

42. 180.1

43. 1203

44. 545

45. 8.57

46. 35.29