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**ASSIGNMENT 1**

15 Exercises

# wrong	points	
0-2	5	} Correct } any errors
3-4	4	
5-15		See an instructor

◇ 3-1 EXERCISES ◇ (even numbers, pages 150-151)

- 2.  $53^{\circ}15'0''$
- 4.  $136^{\circ}53'$
- 6.  $19.34^{\circ}$
- 8.  $92.7^{\circ}$
- 10.  $94.7^{\circ}$
- 12.  $78^{\circ}26'$
- 14.  $52.9^{\circ}$
- 16.  $68.2^{\circ}$
- 18.  $14.67'$  mm
- 20.  $6.462'$  m
- 22.  $9.9$  m
- 24.  $7.5$  m
- 26. y
- 28. x
- 30. y

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**ASSIGNMENT 2**

20 Exercises

# wrong	points	
0-3	5	} Correct } any errors
4-6	4	
7-20		See an instructor

◇ 3-2 EXERCISES ◇ (even numbers, pages 161-162)

- |                   |                   |
|-------------------|-------------------|
| 2. $\frac{k}{j}$  | 4. $\frac{k}{m}$  |
| 6. $\frac{l}{m}$  | 8. $\frac{o}{p}$  |
| 10. $\frac{o}{p}$ | 12. $\frac{o}{n}$ |
| 14. 2.400         | 16. 0.9231        |
| 18. 0.3846        | 20. 0.7971        |
| 22. 1.320         | 24. 0.7971        |
| 26. 0.9290        | 28. 0.3716        |
| 30. 2.500         | 32. 0.6599        |
| 34. 1.134         | 36. 0.7483        |
| 38. 0.7576        | 40. 0.6525        |

(\*marks approximate values.)

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### ASSIGNMENT 3

20 Exercises

# wrong	points
0-3	5 } Correct
4-6	4 } any errors
7-20	See an instructor

◇ 3-3 EXERCISES ◇ (even numbers, pages 173-174)

2. 0.9816	4. 9.514
6. 0.7314	8. 0.2756
10. 0.9986	12. $4^\circ$
14. $9^\circ$	16. $62^\circ$
18. $85^\circ$	20. $70^\circ$
22. 0.7408	24. 1.368
26. 0.04013	28. 0.8878
30. 0.9938	32. $38.2^\circ$
34. $4.3^\circ$	36. $86.4^\circ$
38. $22.7^\circ$	40. $25.4^\circ$

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### ASSIGNMENT 4

20 Exercises

# wrong	points
0-3	5 } Correct
4-6	4 } any errors
7-20	See an instructor

◇ 3-4 EXERCISES ◇ (even numbers, pages 185-186)

2. $\angle$ -sum	4. sin
6. tan	8. tan
10. sin	12. Pyth
14. $\angle$ -sum	16. cos
18. 13.5 ft	20. 1370 yd
22. $26.8^\circ$	24. $90^\circ$
26. 3.32 cm	28. 18.9 in
30. 13.7 mm	32. $55.7^\circ$
34. $34.3^\circ$	
36. $\angle A = 67.4^\circ$ , $\angle B = 22.6^\circ$ , $c = 7.07$ m	
38. $\angle B = 53.5^\circ$ , $a = 5.73$ mi, $b = 7.74$ mi	
40. $\angle A = 70.9^\circ$ , $a = 16.6$ in, $c = 17.6$ in	

(\*marks approximate values.)