

**TS Tuition Math - Hwk #2 - Trigonometry (Ch. 6) ANSWERS***page 184 Exercise 2*

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|-------------|-------------|--------------|-------------|-------------|
| 1. 4.54     | 2. 3.50     | 3. 3.71      | 4. 6.62     | 5. 8.01     |
| 6. 31.9     | 7. 45.4     | 8. 4.34      | 9. 17.1     | 10. 13.2    |
| 11. 38.1    | 12. 3.15    | 13. 516      | 14. 79.1    | 15. 5.84    |
| 16. 2.56    | 17. 18.3    | 18. 8.65     | 19. 11.9    | 20. 10.6    |
| 21. 119     | 22. 10.1    | 23. 3.36 cm  | 24. 4.05 cm | 25. 4.10 cm |
| 26. 11.7 cm | 27. 9.48 cm | 28. 5.74 cm  | 29. 9.53 cm | 30. 100 m   |
| 31. 56.7 m  | 32. 16.3 cm | 33. 0.952 cm | 34. 8.27 m  |             |

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|-------------------|------------|------------|------------|-------------------|
| 1. 6.38 m         | 2. 12.5 m  | 3. 5.17 cm | 4. 40.4 cm | 5. 7.81 m, 7.10 m |
| 6. 3.55 m, 6.68 m | 7. 8.61 cm | 8. 9.97 cm | 9. 8.52 cm | 10. 15.2 cm       |
| 11. 35.8°         | 12. 42.9°  | 13. 32.3°  | 14. 37.8°  | 15. 35.5°, 48.5°  |
| 16. 68.8°, 80.0°  | 17. 64.6°  | 18. 34.2°  | 19. 50.6°  | 20. 39.1°         |
| 21. 39.5°         | 22. 21.6°  |            |            |                   |