

TS Tuition Math - Hwk #3 - Trigonometry (Ch. 6) ANSWERS*page 203 Exercise 10*

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|------------------|-----------------------------|-------------------|-------------------|------------------|
| 1. 6.24 | 2. 6.05 | 3. 5.47 | 4. 9.27 | 5. 10.1 |
| 6. 8.99 | 7. 5.87 | 8. 4.24 | 9. 11.9 | 10. 154 |
| 11. 25.2° | 12. 78.5° | 13. 115.0° | 14. 111.1° | 15. 24.0° |
| 16. 92.5° | 17. 99.9° | 18. 38.2° | 19. 137.8° | 20. 34.0° |
| 21. 60.2° | 22. $\hat{B} = 112.2^\circ$ | 23. 94.55° | 24. 51.2° | |

page 206 Revision exercise 6A

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| 13. 45.2 km, 33.6 km | 14. 73.4° | 15. 8.76 m, 9.99 m |
| 16. 0.539 | 17. 4.12 cm, 9.93 cm | 18. 26.4° |

page 208 Examination exercise 6B

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|------------------|----------------------|---------------------|-----------------|-----------|
| 1. 26 m | 2. (a) 102.7° | (b) 68.2° | 3. 22.5° | 4. 66.0 m |
| 5. (b) (i) 22 km | (ii) 35.3° | (iii) 240.3° | | |