PC 11 **Section 2.2 Part 3 – Finding Angles Worksheet**

Determine all possible values of , to the nearest tenth of a degree, if .

|  |  |
| --- | --- |
| 1.
 | 7.  |
| 1.
 | 8.  |
| 1.
 | 9.  |
| 1.
 | 10.  |
| 1.
 | 11.  |
| 1.
 | 12.  |

PC 11 **Section 2.2 Part 3 – Finding Angles Worksheet**

Determine all possible values of , to the nearest tenth of a degree, if .

|  |  |
| --- | --- |
| 1.
 | 7.  |
| 1.
 | 8.  |
| 1.
 | 9.  |
| 1.
 | 10.  |
| 1.
 | 11.  |
| 1.
 | 12.  |

Answers.

1. 106.3˚, 253.7˚
2. 233.1˚, 306.9˚
3. 90˚, 270˚
4. 90˚, 270˚
5. 0˚, 180˚, 360˚
6. 32˚, 148˚
7. 30.7˚, 329.3 ˚
8. 120.5˚, 300.5˚
9. 60˚, 300˚
10. 81.6˚, 261.6˚
11. 0˚, 180˚, 360˚
12. 83.6˚, 276.4˚

Answers.

1. 106.3˚, 253.7˚
2. 233.1˚, 306.9˚
3. 90˚, 270˚
4. 90˚, 270˚
5. 0˚, 180˚, 360˚
6. 32˚, 148˚
7. 30.7˚, 329.3 ˚
8. 120.5˚, 300.5˚
9. 60˚, 300˚
10. 81.6˚, 261.6˚
11. 0˚, 180˚, 360˚
12. 83.6˚, 276.4˚