

Circle Theorems – Answers – Exercise B

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Exercise B

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| 1. $a = 94^\circ, b = 75^\circ$                | 2. $c = 101^\circ, d = 84^\circ$               | 3. $x = 92^\circ, y = 116^\circ$ |
| 4. $c = 60^\circ, d = 45^\circ$                | 5. $37^\circ$                                  | 6. $118^\circ$                   |
| 7. $e = 36^\circ, f = 72^\circ$                | 8. $35^\circ$                                  | 9. $18^\circ$                    |
| 10. $90^\circ$                                 | 11. $30^\circ$                                 | 12. $22\frac{1}{2}^\circ$        |
| 13. $n = 58^\circ, t = 64^\circ, w = 45^\circ$ | 14. $a = 32^\circ, b = 40^\circ, c = 40^\circ$ | 15. $a = 18^\circ, c = 72^\circ$ |
| 16. $55^\circ$                                 | 17. $e = 41^\circ, f = 41^\circ, g = 41^\circ$ | 18. $8^\circ$                    |
| 19. $x = 30^\circ, y = 115^\circ$              | 20. $x = 80^\circ, z = 10^\circ$               |                                  |
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