

Answer Key for Practice Worksheet 3-2

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| 1) Post.10 | 11) $x = 14$ | $y = 9$ | |
| 2) Theorem 3-2 | 12) $x = 55$ | $y = 75$ | |
| 3) Theorem 3-3 | 13) $x = 56$ | $y = 100$ | $z = 25$ |
| 4) Post. 10 | 14) $x = 70$ | $y = 12$ | $z = 38$ |
| 5) Theorem 2-3 | 15) $x = 30$ | $y = 8$ | $z = 11$ |
| 6) Theorem 3-4 | 16) $x = 25$ | $y = 10$ | |
| 7) $x = 60$ | | $y = 61$ | |
| 8) $x = 10$ | | $y = 45$ | |
| 9) $x = 60$ | | $y = 18$ | |
| 10) $x = 70$ | | $y = 60$ | |