

State whether or not each set is a function. Answer *yes* or *no*.

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|--------------------------------------------------------|----------------------------------------------|
| 1. $\{(4, 3), (-2, 10), (5, -6), (10, 7)\}$ <i>yes</i> | 2. $\{(-3, -6), (-5, 10), (-1, 2), (0, 0)\}$ |
| 3. $\{(2, 7), (3, 7), (5, 7), (6, 7)\}$ | 4. $\{(7, 2), (7, 3), (7, 4), (7, 5)\}$ |
| 5. $\{(-5, 3), (6, 5), (3, 2), (10, 3)\}$ | 6. $\{(-7, 4), (8, 12), (9, 12), (6, 13)\}$ |
| 7. $\{(8, 6), (9, -3), (12, 5), (6, -3)\}$ | 8. $\{(-8, 2), (3, -1), (-6, -3), (7, -1)\}$ |
| 9. $\{(11, 5), (2, 7), (-3, 8), (-3, 10)\}$ | 10. $\{(6, 4), (-5, 2), (6, 7), (-8, 8)\}$ |
| 11. $\{(8, 6), (-5, 2), (0, 6), (-5, 1)\}$ | 12. $\{(9, 4), (3, 2), (-6, 4), (8, 7)\}$ |
| 13. $\{(x, y): y = 2x + 1\}$ | 14. $\{(x, y): y = 3x - 4\}$ |
| 15. $\{(x, y): y = -x + 7\}$ | 16. $\{(x, y): y = \frac{1}{2}x - 4\}$ |

