Functions

Choose the correct choice that describes the graph.

1) □ Function
   ✔ Not a Function

2) ✔ Function

3) ✔ Function

4) ✔ Function
   □ Not a Function

5) □ Function
   ✔ Not a Function

6) ✔ Function
   □ Not a Function

7) □ Function
   ✔ Not a Function

8) ✔ Function

9) □ Function
   ✔ Not a Function
Choose the correct choice.

1) \{(3, 2), (5, 7), (1, 4), (9, 2), (3, 7)\}
   - Function
   - Not a Function

2) \{(6, 2), (3, 5), (9, 0), (5, 7), (8, 1)\}
   - Function
   - Not a Function

3) \{(1, 9), (2, 7), (5, 4), (7, 12), (3, 9)\}
   - Function
   - Not a Function

4) \{(0, 2), (3, 3), (8, 7), (2, 2), (3, 9)\}
   - Function
   - Not a Function

5) \{(11, 3), (6, 5), (7, 1), (9, 7), (8, 3)\}
   - Function
   - Not a Function

6) \{(6, 1), (9, 2), (6, 8), (9, 7), (8, 3)\}
   - Function
   - Not a Function

7) \{(1, 9), (0, 8), (3, 0), (4, 9), (7, 7)\}
   - Function
   - Not a Function

8) \{(9, 9), (7, 4), (1, 2), (2, 6), (5, 0)\}
   - Function
   - Not a Function

9) \{(1, 1), (2, 3), (3, 4), (4, 2), (5, 1)\}
   - Function
   - Not a Function

10) \{(8, 4), (6, 2), (1, 9), (3, 8), (0, 7)\}
    - Function
    - Not a Function
What Did the Baby Porcupine Say When It Backed Into a Cactus?

Determine which of the relations below are functions. Find the number of each relation that is a function at the bottom of the page and cross out the letter below it. When you finish, the answer to the title question will remain.

1. \{(-2, 7), (-1, 5), (0, 3), (1, 1), (2, 1)\}
2. \{(-7, 20), (3, 5), (0, 5), (-2, 0), (6, -4), (-6, -9), (4, 4)\}
3. \{(4, 8), (-3, -2), (9, 6), (2, -1), (-4, -5), (2, 7), (-8, 0)\}

4. 
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6. 
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7. 

8. 

9. 

10. 

11. 

12. 

OBJECTIVE 1-a: To determine whether or not a relation is a function. © 1989 Creative Publications 175