Choose the correct choice that describes the graph.

1) □ Function
   □ Not a Function

2) □ Function
   □ Not a Function

3) □ Function
   □ Not a Function

4) □ Function
   □ Not a Function

5) □ Function
   □ Not a Function

6) □ Function
   □ Not a Function

7) □ Function
   □ Not a Function

8) □ Function
   □ Not a 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. \[
\begin{array}{c|c}
\hline
x & y \\
\hline
0 & -19 \\
1 & -12 \\
2 & -4 \\
3 & 3 \\
4 & 13 \\
5 & 27 \\
\hline
\end{array}
\]

5. \[
\begin{array}{c|c|c}
\hline
x & y & \\
\hline
0 & -5 & 8 \\
1 & -3 & 8 \\
2 & -1 & -2 \\
3 & 1 & 11 \\
5 & 0 & 23 \\
\hline
\end{array}
\]

6. \[
\begin{array}{c|c|c}
\hline
x & y & \\
\hline
-2 & 7 & 7 \\
-2 & 5 & 5 \\
0 & -16 & -16 \\
2 & 0 & 0 \\
2 & 6 & 6 \\
\hline
\end{array}
\]

7. [Graph of a set of points]

8. [Graph of a line]

9. [Graph of a curve]

10. [Graph of a circle]

11. [Graph of a Y-shaped line]

12. [Graph of a line]

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