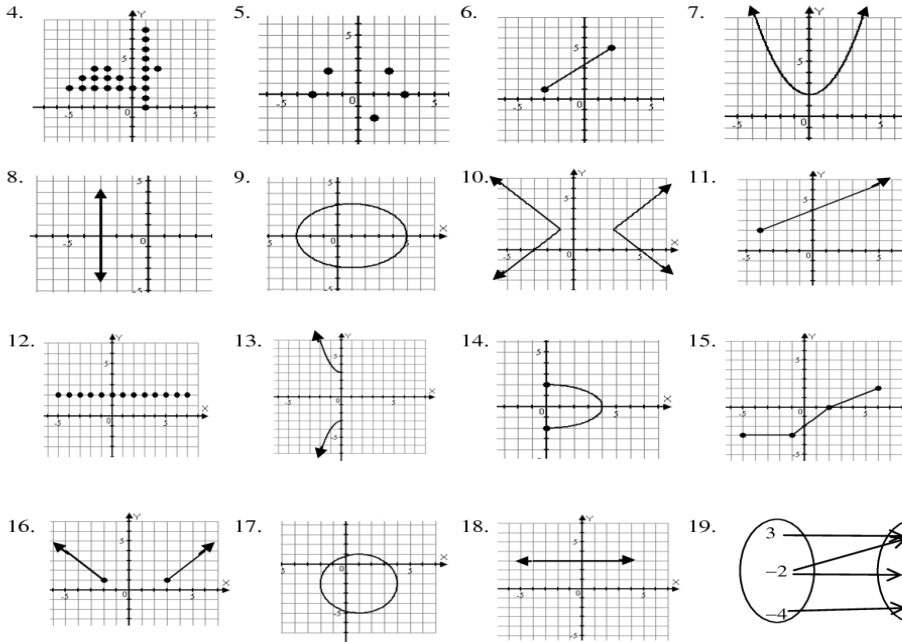


I. Determine the domain and range for each of the following. Which are not functions?

1.  $\{(6, -3), (7, 4), (-7, -2), (0, -2)\}$
2.  $\{(7, 1), (7, -3), (7, 4)\}$
3.  $\{\dots(-3, 2), (-2, 1), (-1, 0), (0, 1), (1, 2), (2, 3)\dots\}$



- |   |                                     |  |                           |
|---|-------------------------------------|--|---------------------------|
| 1. $\{6, 7, -7, 0\}$                    | $\{-3, 4, -2, \}$                   | 11. $x \geq -4$                          | $y \geq 2$                |
| 2. $\{7\}$                              | $\{1, -3, 4\}$                      | 12. $-5 \leq x \leq 7, x \in \mathbb{I}$ | $\{2\}$                   |
| 3. $x \in \mathbb{I}$                   | $y \in \mathbb{W}$                  | 13. $x \leq 0$                           | $y \leq -3$ or $y \geq 3$ |
| 4. $-5 \leq x \leq 2, x \in \mathbb{I}$ | $0 \leq y \leq 8, y \in \mathbb{I}$ | 14. $0 \leq x \leq 4$                    | $-2 \leq y \leq 2$        |
| 5. $\{-3, -2, 1, 2, 3\}$                | $\{-2, 0, 2\}$                      | 15. $-5 \leq x \leq 6$                   | $-3 \leq y \leq 2$        |
| 6. $-3 \leq x \leq 2$                   | $1 \leq y \leq 5$                   | 16. $x \leq -2$ or $x \geq 3$            | $y \geq 1$                |
| 7. $x \in \mathbb{R}$                   | $y \geq 2$                          | 17. $-2 \leq x \leq 4$                   | $-5 \leq y \leq 1$        |
| 8. $\{-3\}$                             | $y \in \mathbb{R}$                  | 18. $x \in \mathbb{R}$                   | $\{3\}$                   |
| 9. $-3 \leq x \leq 5$                   | $-3 \leq y \leq 3$                  | 19. $\{3, -2, -4\}$                      | $\{7, -2, 9\}$            |
| 10. $x \leq -1$ or $x \geq 3$           | $y \in \mathbb{R}$                  |  |                           |

**Not Functions 2, 4, 8, 9, 10, 13, 14, 17, 19**