1. **(1)** $\emptyset$

   (2) $\{3, -3, 5, -1, 2, 0, 9, 4, -2, 8\}$

   (3) $\{4\}$

   (4) $\{-3, 3, -1, 5, 2, 0, 9, -2, 8\}$

2. **(1)** $\{8\}$

   (2) $\{3, -3, 5, 2, 9, 8\}$

   (3) $\{3, 5, 9\}$

   (4) $\{-3, 2\}$

3. **(1)** $\{0, 9, 8\}$

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

   (3) $\{-3, 5, 2, 1\}$

   (4) $\{7, -2, 6\}$

4. **(1)** $\{5\}$

   (2) $\{3, -3, 5, 2, 0, 9, 4, 8, 6\}$

   (3) $\{3, 0, 9, 4\}$

   (4) $\{-3, 2, 8, 6\}$

5. **(1)** $\{5\}$

   (2) $\{-3, 3, 5, -1, 7, 0, 9, 4, -2, 1\}$

   (3) $\{-3, 0, 9, 4, -2, 1\}$

   (4) $\{3, -1, 7\}$