```
*           *  *                           *  h (finest)
 \         /    \                         /
  *       *      *           *           *   2h
   \     /        \         / \         /
    *   *          *   *   *   *   *   *     4h
     \ /            \ / \ /     \ / \ /
      *              *   *       *   *       8h (coarsest)

 V cycle              W cycle

                  *           *              h (finest)
                 / \         /
        *       *   *       *                2h
       / \     /     \     /
  *   *   *   *       *   *                  4h
 / \ /     \ /         \ /
*   *       *           *                    8h (coarsest)

    Full multigrid
```

Figure 11.8 Patterns for multigrid methods.