|  |  |
| --- | --- |
| **Fill in the Blanks** | **Descending Linear Sequences** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **First Four Terms** | **Multiplication Table** | **Shift**  | **Zero Term** | **nth Term** |
| $$6, 4, 2, 0,..$$ | $$×-2$$ | $$-2,-4,-6,-8$$ | $$+8$$ | $$+8$$ | $$-2n+8$$ |
| $$7, 4, 1, -2,..$$ | $$×-3$$ | $$-3,-6,-9,-12$$ | $$+10$$ | $$+10$$ |  |
| $$5, 2, -1, -4,..$$ | $$×-3$$ | $$-3,-6,-9,-12$$ |  |  |  |
| $$11, 9, 7, 5,..$$ | $$×-2$$ |  |  |  |  |
| $$14, 10, 6, 2,..$$ |  |  |  | $$+18$$ |  |
| $$4, 2, 0, -2,..$$ |  |  |  | $$+6$$ |  |
| $$15, 10, 5, 0,..$$ |  |  |  |  |  |
| $$8, 4, 0, -4,..$$ |  |  |  |  |  |
|  | $$×-1$$ |  | $$+4$$ |  |  |
| $$2.5, 2, 1.5, 1,..$$ |  |  |  |  |  |
| $$-2, -4, -6, -8,..$$ |  |  | $$none$$ |  |  |
| $$-2, -3, -4, -5,..$$ |  |  | $$-1$$ |  | $$-n-1$$ |
| $$-6, -7, -8, -9,..$$ |  |  |  |  |  |
| $$-3, -5, -7, -9,..$$ |  |  |  |  |  |
|  | $$×-2$$ |  | $$+7$$ |  |  |
|  | $$×-5$$ |  | $$-1$$ |  |  |
|  | $$×-3$$ |  | $$+2$$ |  |  |