|  |  |
| --- | --- |
| **Match-Up** | **Generating Sequences from the nth Term** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | $$2n$$ |  | **6** | $$n+3$$ |  | **11** | $$-2n$$ |  | **16** | $$n^{2}$$ |
| **2** | $$2n+1$$ |  | **7** | $$n-2$$ |  | **12** | $$4-n$$ |  | **17** | $$100-n^{2}$$ |
| **3** | $$3n+5$$ |  | **8** | $$5n-1$$ |  | **13** | $$8-2n$$ |  | **18** | $$0.5n+6$$ |
| **4** | $$4n-1$$ |  | **9** | $$3n$$ |  | **14** | $$-10n$$ |  | **19** | $$8-0.5n$$ |
| **5** | $$5n+2$$ |  | **10** | $$3n-2$$ |  | **15** | $$5n$$ |  | **20** | $$-0.5n$$ |
|  |  |  |  |  |  |  |  |  |  |  |
| **A** | $$7, 12, 17, 22$$ |  | **F** | $$-2, -4, $$$$-6, -8$$ |  | **K** | $$6.5, 7, 7.5, 8$$ |  | **Q** | $$-0.5, -1, $$$$-1.5, -2$$ |
| **B** | $$7.5, 7, 6.5, 6$$ |  | **G** | $$3, 5, 7, 9$$ |  | **L** | $$3, 6, 9, 12$$ |  | **R** | $$3, 7, 11, 15$$ |
| **C** | $$4, 9, 14, 19$$ |  | **H** | $$4, 5, 6, 7$$ |  | **M** | $$-10, -20,$$$$ -30, -40$$ |  | **S** | $$3, 2, 1, 0$$ |
| **D** | $$5, 10, 15, 20$$ |  | **I** | $$6, 4, 2, 0$$ |  | **N** | $$2, 4, 6, 8$$ |  | **T** | $$99, 96, 91, 84$$ |
| **E** | $$8, 11, 14, 17$$ |  | **J** | $$1, 4, 7, 10$$ |  | **P** | $$1, 4, 9, 16$$ |  | **U** | $$-1, 0, 1, 2$$ |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
|  |  |  |  |  |  |  |  |  |  |
| **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
|  |  |  |  |  |  |  |  |  |  |