Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Complete the table below using the numbers on your index cards to illustrate how you could package the bookmarks in the most efficient way possible:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Total # of bookmarks** | **Crates**  (100,000) | **Boxes**  (10,000) | **Bundles**  (1,000) | **Envelopes**  (100) | **Packets**  (10) | **Loose**  (ones) |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

1. Inspect the following orders to determine how many bookmarks are in each order and write the number in the bookmark column.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Crates**  (100,000) | **Boxes**  (10,000) | **Bundles**  (1,000) | **Envelopes**  (100) | **Packets**  (10) | **Loose**  (ones) | **Total # of bookmarks** |
|  |  | 4 | 3 |  | 5 |  |
|  |  | 2 | 13 | 7 | 1 |  |
|  |  | 16 | 2 | 14 | 3 |  |
| 2 | 5 |  | 8 |  |  |  |
|  | 6 | 9 |  | 3 |  |  |

**Challenge question:** How many bundles can be placed in one crate? How many envelopes can be placed in one crate? Explain.