

COUNTDOWN CHALLENGE

Extending “The King’s Chessboard” Part 1

Complete the table below.

| | <i>Number of Grains of Rice</i> | | |
|------------|---------------------------------|---------------------------------|----------------------|
| <i>Day</i> | <i>Standard Form</i> | <i>Prime Factorization Form</i> | <i>Exponent Form</i> |
| 1 | 1 | | 2^0 |
| 2 | 2 | 2 | 2^1 |
| 3 | 4 | 2×2 | 2^2 |
| 4 | 8 | $2 \times 2 \times 2$ | |
| 5 | 16 | | |
| 6 | 32 | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |