**Puzzle No. 4, Dads & Grads:**

**A joint Father’s Day and graduation party is being thrown for Michael, Ken, James, Alberto, Elias, and Stephanie. Three of them are newly minted high school graduates. The other three are their dads.**

**Stephanie went to the senior prom with Michael’s son.**

**Elias and James played on the school’s baseball team. One of them is Alberto’s son.**

**Michael and Elias are not related.**

**Can you match the high school graduates to their fathers at this joint celebration?**

|  |  |
| --- | --- |
| **Dads** | **Grads** |
| **Michael** | **James** |
| **Ken** | **Elias** |
| **Alberto** | **Stephanie** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Grads** | **James** | **Elias** | **Stephanie** |
| **Dads** |  |  |  |  |
| **Michael** |  | **1** | **0** | **0** |
| **Ken** |  | **0** | **0** | **1** |
| **Alberto** |  | **0** | **1** | **0** |

**Solution Details:**

* **I started with figuring out who are Dads and Who are Grads**
* **3 Dads, 3 Grads**
* **Stephanie is definitely not a Dad .. so she is a Grad**
* **Since Stephanie went to prom with Michael’s son, then she’s is not the daughter of Michael**
* **Elias & James are the other 2 Grads because they played on the school basketball team**
* **Elias & James one of them is Alberto’s Son, So eliminate Stephanie from being related to him**
* **Since neither Michael nor Alberto are related to Stephanie, she’s only left with 1 choice .. Ken is her father**
* **Michael & Elias are not related, means Michael is not the father of Stephanie nor Elias**
* **Michael is the father of James**
* **Alberto is the Father of Elias**