Q vs. K Activity/Demo

**K =** \_\_\_\_\_\_\_\_\_\_\_\_ = 1/9 = 0.1111

 **AB + CD ↔ AD + CB**

 (R-Y) (G-B) (R-B) (G-Y) **Q Q vs. K Shift**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 1 |  | 0 | 0 | Q = | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 0 | 0 |  | 1 | 1 | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 3 | 3 |  | 1 | 1 | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 3 | 3 |  | 9 | 9 | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |

**K =** \_\_\_\_\_\_\_\_\_\_\_\_ = 1/9 = 0.1111

 **AB + CD ↔ AD + CB**

 (R-Y) (G-B) (R-B) (G-Y) **Q Q vs. K Shift**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | Q = | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Q= | Q K |  |
|  |  |  |  |  |  |  |