

**Clue Cards**

**Fraction Family**

|  |  |
| --- | --- |
| MPj03876900000[1] Cell D1 is less than ½. | MPj03876900000[1] The fraction in cell C4 could be written as an even number of sixteenths. |
| MPj03876900000[1] The fraction in cell A1 is greater than the fraction in cell C1. | MPj03876900000[1] Cell B2 has a smaller value than cell C4. |
| MPj03876900000[1] The total of cell D1 and C3 is less than 1. | MPj03876900000[1] Which column has the greatest total? |
| MPj03876900000[1] Create a number line containing all the fractions and add three more fractions to the number line which are not on the grid. | MPj03876900000[1] Two of the fractions in row 2 have 16 as the denominator. |
| MPj03876900000[1] How many sets of 3 cells can you find which would total exactly 1? | MPj03876900000[1] Two of the corner cells add up to 1 exactly. |

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**Fraction Family**

All of the cells in the grid below contain **different** fractions from the sixteenths family. Some of the fractions are missing. Use the clue cards provided to work out the missing fractions. All of the fractions are written in simplest form.

|  |  |  |  |
| --- | --- | --- | --- |
| **7**  **16** | **1** |  | **3**  **16** |
| **15**  **16** | **1**  **4** |  | **1**  **2** |
| **3**  **8**  **2** |  | **1**  **16** | **7**  **8** |
|  | **1**  **8** | **9**  **16** |  |

**D**

**C**

**A**

**B**

**1**

**3**

**4**