

**Bare number** A number consisting of a one in some position and zeros in all other positions, i.e., it is a power of ten such as 1, 10, 100, 1000, ...

**Dhila'a** Literally means the side of a polygon but it also means root or base.

**Intertwined numbers** Two integers  $a, b$  are called intertwined if one of them divides the other.

**Jummal notation/Method** Literally meaning “arithmetic of sentences,” it is a system of representing sexagesimal numbers in which the letters of the Arabic alphabet are used as digits.

**Partner numbers** Two integers  $a, b$  are called partners if their greatest common divisor is not 1.

**Single number** A number that contains a single nonzero digit in any position such as 8, 300, and 9000.

**Tajnis** Is a well-defined process to find least common denominators. We translated it as uniformizing, but it should not be confused with the method of finding the common denominator in Chinese mathematics.

**Zīj, plural Zījat** A Persian term describing a book of astronomical tables.

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