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#### Math & Realia

Workshop on Mathematical Practices in Various Sectors of Mesopotamian Society

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*Equivalencies: the neo-Sumerian administrative evidence*

**Abstract** - The mathematical concept of making entities of different categories comparable by relating them to a common reference entity reflects vastly in the neo-Sumerian (Ur III period, 21st century B.C.) administrative record. There are value equivalencies relating several kinds of goods to their primary products, workload equivalencies relating labour to time, and prices in shape of silver value equivalents. Whereas the latter vary over time, the former are time-independent constants, some of which— in the case of workloads— can also be found in the Old-Babylonian coefficient lists. We also find chains of subsequent such conversions, and in one case even „sexagesimally convenient“ approximations for the awkward fraction resulting this way.