

TOPIC: BABYLONIAN NUMERATION SYSTEM

Babylonian Numeration System

◆ Recall: Hindu-Arabic System is base 10. The **Babylonian System** is base ____ so place values are ____ of ____.

► In the Babylonian System

New

10 = ____
1 = ____

. When converting to HA, start with ____ place value (group).

New

Babylonian Numeration System

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Place Value:

Amount:

Hindu-Arabic Numeral: (____ × _____) + (____ × _____) + (____ × _____)
Amount Place Value

◆ **Zero** in a place value is represented with ____ spaces or _____. **Subtraction** is represented with _____.

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PRACTICE Convert the following from Babylonian Numerals to Hindu-Arabic Numerals.

(A)

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(B)

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EXAMPLE Convert 147 from a Hindu-Arabic numeral to a Babylonian numeral.