

Cryptarithms

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A cryptarithm is a puzzle in which the digits in an arithmetic problem are each replaced by a different symbol.

For each puzzle below, use the information given to find the value of each symbol.

1. $\bigcirc \bullet + \text{P} = \bigcirc \bullet \text{♀}$

2. $\text{☯} \text{☯} + \text{☯} = \text{⊗} \text{●} \text{⊕}$

3. $\text{⌚} \text{⌚} + \text{⌘} \text{⌚} = \text{⌘} \text{⌚} \text{⌚}$

4. $\text{⊞} \text{♥} + \text{♥} \text{★} = \text{♥} \text{★} \text{♥}$