| **AP CSP Python with Robots****Types of Division Activity Guide** | **Name:** |
| --- | --- |
| **Instructions:** Complete the Activity Guide after you are finished going through the slides and the lesson. |
| **Activity #1 : Given the expression, what are the possible answers?** |
| number % 2 |  |
| number % 7 |  |
| number % 4 |  |
| **Activity #2 : Evaluate the expressions:** |
|

| 9 // 4 = |  |  | 20 // 5 = |  |
| --- | --- | --- | --- | --- |
| 9 % 4 =  |  |  | 20 % 5 = |  |
| 9 // 3 =  |  |  | 1 // 4 = |  |
| 9 % 3 =  |  |  | 1 % 4 = |  |
| 9 // 5 =  |  |  | 5 // 7 = |  |
| 9 % 5 = |  |  | 5 % 7 = |  |
| 20 // 6 =  |  |  | 85 // 10 =  |  |
| 20 % 6 =  |  |  | 85 % 10 =  |  |

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| **Wrap Up:**  |
| In your own words, modulo division. | Give an example of when you might use integer and modulo division instead of decimal division: |