|  |
| --- |
| **Multiplying Integers** |
| Uses a model to multiply two positive integers(+2) × (+5) = +10The product of two positive integers is positive. | Uses a model to multiply a positive integer by a negative integer (+2) × (–5) = –10The product of positive integer and a negative integer is negative. | Uses the commutative property to multiply a negative integer by a positive integer(–5) × (+2) is equivalent to (+2) × (–5), so (–5) × (+2) = –10.The product of negative integer and a positive integer is negative. | Extends a pattern to multiply two negative integers(+3) × (–4) = –12(+2) × (–4) = –8(+1) × (–4) = –4(0) × (–4) = 0(–1) × (–4) = 4(–2) × (–4) = 8The product of two negative integers is positive. |
| **Observations/Documentation** |
|  |  |  |  |