Two truths, one lie

Work together to use visual representations to prove whether each statement is either true or false. You may like to use the partitioning table to help you show your thinking for the example in each set.

### Set 1

#### Statement 1 – 32 can be represented with 5 MABs

#### Statement 2 – 68 can be represented with 41 MABs

#### Statement 3 – 45 can be represented with 28 MABs

### Set 2

#### Statement 1 – 48 can be represented with 39 MABs

#### Statement 2 – 26 can be represented with 8 MABs

#### Statement 3 – 19 can be represented with 11 MABs

### Set 3

#### Statement 1 – 35 can be represented with 17 MABs

#### Statement 2 – 29 can be represented with 22 MABs

#### Statement 3 – 43 can be represented with 34 MABs

### Set 4

#### Statement 1 – 80 can be represented with 17 MABs

#### Statement 2 – 13 can be represented with 4 MABs

#### Statement 3 – 52 can be represented with 25 MABs

## Partitioning table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Number | Visual representation | Tens | Ones | Total number of MABs |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |