## Making Sense of Patterns Guided Lesson

1) Determine the input / output rule displayed in the table below.

| Input (a) | 17 | 36 | 45 | 68 | 78 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Output (b) | 16 | 35 | 44 | 67 | 77 |

2) What pattern rule can you find in each successive number below:

63, 55, 47, 39, 31
3) The math rule for the pattern below is to multiply by 2 and add 4. Fill in the missing numbers from the sequence.
6. $\qquad$ , 36, $\qquad$ , 156

