NAME DATE\_\_\_\_\_\_\_\_\_\_\_\_CLASS\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **HW 1-1-0**

**Homework Practice 1-1-0: Contemplate then Calculate**

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|  |  | **Goal:**  Make connections between the structure of a shape and ways to efficiently count the number of objects within the shape. |

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| **QUESTION 1: Tilted Square** | | |
| **NOTICE:**  Tilted Square.png | **NOTICE:** Look at diagram for 3 seconds, what did you notice? Describe the shape | |
| **SHORTCUT 1:**  Tilted Square.png  Find the TOTAL # of small squares | **SHORTCUT 1:** *What short cuts did you use to find the total # of squares? Show all work/Explain.* | |
| **SHORTCUT 2:**  Tilted Square.png  Find the TOTAL # of small squares | **SHORTCUT 2:** *What short cuts did you use to find the total # of squares? Show all work/Explain.* | |
| **REFLECT:**  **Paying attention to … is helpful because…**  **You can find calculation shortcuts by…** | **REFLECT: *Choose a sentence frame and write a reflection.*** | |
| **QUESTION 2: Looking at Triangles** | | |
| **NOTICE:** | | **NOTICE:** Look at diagram for 3 seconds, what did you notice? |
| **SHORTCUT 1:**    How many dots would the 6th triangle have? | | **SHORTCUT 1:** *What short cuts did you use to find how many dots are in the 6th triangle?* |
| **SHORTCUT 2:**    How many dots would the 6th triangle have? | | **SHORTCUT 2:** *What short cuts did you use to find how many dots are in the 6th triangle?* |
| **REFLECT:**  **Paying attention to … is helpful because…**  **You can find calculation shortcuts by…**  **The next time I will…before I calculate because…** | | **REFLECT: *Choose a sentence frame and write a reflection.*** |