## Pattern and Sequence

Find the missing values in each sequence.

1. $4,7,10$, $\qquad$ , 16, $\qquad$ ,
2. 20,15 , $\qquad$ , 5, 0, $\qquad$ , -10 , $\qquad$
3. $3,7,11$, $\qquad$ , 19, $\qquad$ ,
4. 6 , $\qquad$ , 18, $\qquad$ , 30, 36, $\qquad$
5. $-9,-2$, $\qquad$ , $\qquad$ , 26, $\qquad$ 6. 0 , $\qquad$ , $-20,-30$, $\qquad$ , $\qquad$ , -60
6. -2 , $\qquad$ , $-8,-11$, $\qquad$ , _ , , -20
7. Create a pattern (like the one from the warm up). Create the first three stages of the pattern. Do you know what the next two will look like? What will the $10^{\text {th }}$ ? $50^{\text {th }}$ ? $100^{\text {th }}$ ?
