



- \_\_\_\_\_ 1. There are usually four parathyroid glands located on the posterior surface of the \_\_\_\_\_.
- \_\_\_\_\_ 2. The parathyroid synthesizes \_\_\_\_\_ when calcium levels in the blood are low.
- \_\_\_\_\_ 3. Does PTH increase or decrease each of the following?
- \_\_\_\_\_ a. intestinal absorption of calcium
- \_\_\_\_\_ b. loss of calcium through the kidneys
- \_\_\_\_\_ c. calcium release by bone resorption
- \_\_\_\_\_ 4. Therefore, PTH \_\_\_\_\_ (increases, decreases) calcium levels in the blood.
- \_\_\_\_\_ 5. When calcium levels in the blood are high, PTH levels \_\_\_\_\_ (increase, remain the same, decrease).
- \_\_\_\_\_ 6. Do PTH and calcitonin have the same or antagonistic effects?