Question #81910, Chemistry / General Chemistry

Question:

How many oxygen atoms are there in 7 formula units of $Ca_3(PO_4)_2$?

Solution:

One molecule of $Ca_3(PO_4)_2$ contains 4 × 2 = 8 oxygen atoms.

As a result, 7 formula units of $Ca_3(PO_4)_2$ contain 8 × 7 = 56 oxygen atoms.

Answer:

56 oxygen atoms