

#81590 Chemistry, Other

You are stranded on a desert island on which there are 375 native inhabitants. For every inhabitant there are two hands, for every hand there is an eye; for every eye, there is a footprint; and for every four footprints.

There is a dinosaur; for every 40 ducks there is 0.5 dinosaur, and 32 pineapples for every 20 ducks; there is one palm tree for every 12 pineapples, and for every palm tree there are 12 cacti; for every 30 pineapples there are 20 turtles; for every 30 turtles there is an anchor, there are 100 anchors for every wave, and 30 trees for each wave. How many turtles are on the island?

**Answer:**

$(375 \text{ inhabitants}) \times (2 \text{ hands/inhabitant}) \times (1 \text{ eye/hand}) \times (1 \text{ footprint/eye}) \times (1 \text{ dinosaur}/4 \text{ footprints}) \times (20 \text{ ducks/dinosaur}) \times (2 \text{ turtles/duck}) = 7500 \text{ turtles}$

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