

Answer on Question #62503 – Math – Algebra

Question

In 1980, George Adrian set the world record for the most apples picked in 8 hours. He picked a total of 15,830 pounds of apples. That's almost 8 tons of apples! Delilah is practicing so that she can try to beat George's record. After picking for a while she finds that she has picked 2 tons of apples. She hopes to pick 2 tons per hour for the next several hours.

if Delilah manages to pick at a rate of 2 tons per hour how many tons of apples will Delilah have picked 1 hour after she starts picking again?

Solution

$$N = 2 \text{ tons} + 2 \text{ tons} \times 1 \text{ hour} = 4 \text{ tons}$$

Answer: 4 tons.