

Question:

Uriah's book bag is getting too heavy for him. He needs to remove 15 pounds from it. His comic books weigh $\frac{1}{4}$ pound each and his toys weigh $\frac{1}{2}$ pound each. If he removes 30 comic books how many toys does he need to remove?

Reasoning + Answer:

`<think>` If 30 comic books weigh 30 comic books \times $\frac{1}{4}$ pound each = $\frac{15}{4}$ pounds. Then his bag weighs $\frac{15}{4}$ pounds + $\frac{15}{4}$ pounds = $\frac{15}{4}$ $\frac{15}{4}$ pounds. So, the toys weigh $\frac{15}{4}$ $\frac{15}{4}$ pounds \times $\frac{1}{2}$ pound each = 35 pounds. This means there are 35 pounds / $\frac{1}{2}$ pound per toy = 70 toys. `</think>` `<answer>` 70 `</answer>`