

Question #29243

3 kitchen assistants can prepare 10 kg of vegetables in 30 minutes how long would it take 30 assistants?

Solution. If 3 kitchen assistants can prepare 10 kg of vegetables in 30 minutes, then one assistant in one minute can prepare $\frac{10}{3 \cdot 30}$ kg of vegetables. Then 30 assistants in 1 minute can prepare $\frac{10}{3 \cdot 30} \cdot 30 = \frac{10}{3}$ kg of vegetables and consequently 10kg they prepare in 3 minutes.

Answer. 3min.