Multi-step multiplication



A school in Dubai is hosting a large cultural festival. There are 325 students participating, and each student will be given 13 tickets to distribute to their family and friends. Additionally, the school is ordering 15 snacks for each student.

a) **How many tickets will the school need for all students?**

b) **How many total snacks will they need to order?**

A date farm in the UAE has 125 date palms. Each tree produces 48 kg of dates. The farmer packs the dates into crates, and each crate holds 15 kg of dates. The farmer plans to load 24 crates onto a truck. How many kilograms of dates will be loaded onto the truck?

a) **How many kilograms of dates does the farmer harvest from all trees?**

b) **How many kilograms of dates will be in the crates loaded onto the truck?**

A factory in the UAE is producing boxes of dates. Each box contains 125 dates. The factory receives an order to deliver 38 boxes to a local market. After delivering the boxes, the factory decides to package the same number of dates into smaller bags, with 5 dates per bag.

a) **How many total dates are there?**

b) **How many small bags will the company need? (extension)**

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