PACKING POTS

Jim works in a plant nursery.
He has been asked to put all the small pot plants into trays to take to the market.

For each question, show all your working and explain your answer in as much detail as you can.

a. To stop the pots from moving around Jim packs them into the tray as tightly as possible. How many pots will he be able to fit into this tray?

b. Jim was given some black trays that each contained 35 pot plants. How many plants would be contained in 3 of these trays?

c. How many plants would be contained in 14 of the 35-pot trays?

d. If Jim had 560 plants, how many of the 35-pot trays would he need?