Emu Auctions

Activity

Maafi, Robbie, and Anna's families have all bought farms recently. Each family has gone to the emu auctions to buy stock.

1. Robbie's mother plans to put 6 emus in each of their 16 paddocks. By the end of the day, she has bought 54 emus.

    a. How many emus does she still need to buy?

    b. If she still puts 6 emus in a paddock, how many empty paddocks will she have in the meantime?

2. Anna's farm has four different-sized paddocks:

Paddock 1 $\frac{1}{10}$	Paddock 2 $\frac{1}{5}$	Paddock 4 $\frac{2}{5}$
Paddock 3 $\frac{3}{10}$		

> Paddock 2 is twice as big as paddock 1.

Her father wants each emu to have the same amount of space. If he buys 60 emus, how many birds should he put in each paddock?

3. Maafi's father buys 64 emus from 4 different lots at the auction:

   • He buys half of his total number of emus from lot 1.

   • From lot 2, he buys half the number that he has bought from lot 1.

   • He buys the same number from lot 4 as he does from lot 3.

How many emus does Maafi's father buy from each lot?

64 emus altogether			
Lot 1	Lot 2	Lot 3	Lot 4

> I'll use a box diagram to work this out!

Using fractions and different operations to solve problems