4x table puzzle 2

In a room there are 24 legs.
The room is full of sheep (each with 4 legs) and people (each with 2 legs).

How many sheep and people could there be?
There are a few different combinations.
Cut out the cards below to help you work them out.

7x table puzzle 1

Louise has to work out how many of each object Martin the Magician has in his box of tricks. It contains: magic wands, rabbits, packs of cards, rubber balls, handkerchiefs and hoops. He has a different number of each and each number is a multiple of 7 smaller than 84. He gives her the following clues:

There are twice as many magic wands as there are rabbits.

The number of hoops is also a multiple of 11.

There are 7 more handkerchiefs than packs of cards.

The number of rubber balls is half the number of packs of cards.

The number of rabbits is also a multiple of 5.

The total number of the handkerchiefs and packs of cards is the same as the number of rabbits.

Cut out the multiples of 7 below and then practise trying different combinations in the table to help you work this out:

7 14 21 28 35 42 49 56 63 70 77

Magic wands	
Rabbits	
Packs of cards	
Rubber balls	
Handkerchiefs	
Hoops	