

Finding remainders activities

1 Share it and check for leftovers

There are 11 coins. Share them into 3 groups. Children share them out, then check whether anything is left over.

"Share your eleven coins out equally into three groups. Is there anything left over?"

"If so, how many are left? That is the remainder."

2 Group it and check for leftovers

There are 13 lollies. Group them by 4. Children make the groups, then check whether anything is left over.

"Make groups of four from your thirteen lollies. Is there anything left over?"

"How many groups did you make, and what is the remainder?"

3 Does it share evenly?

There are 10 balloons, to be shared into 3 groups. Children predict whether it will share evenly before actually sharing it out.

"Before sharing, guess: will ten balloons into three groups come out even, or will there be a remainder?"

"Share it out and check. Were you right?"

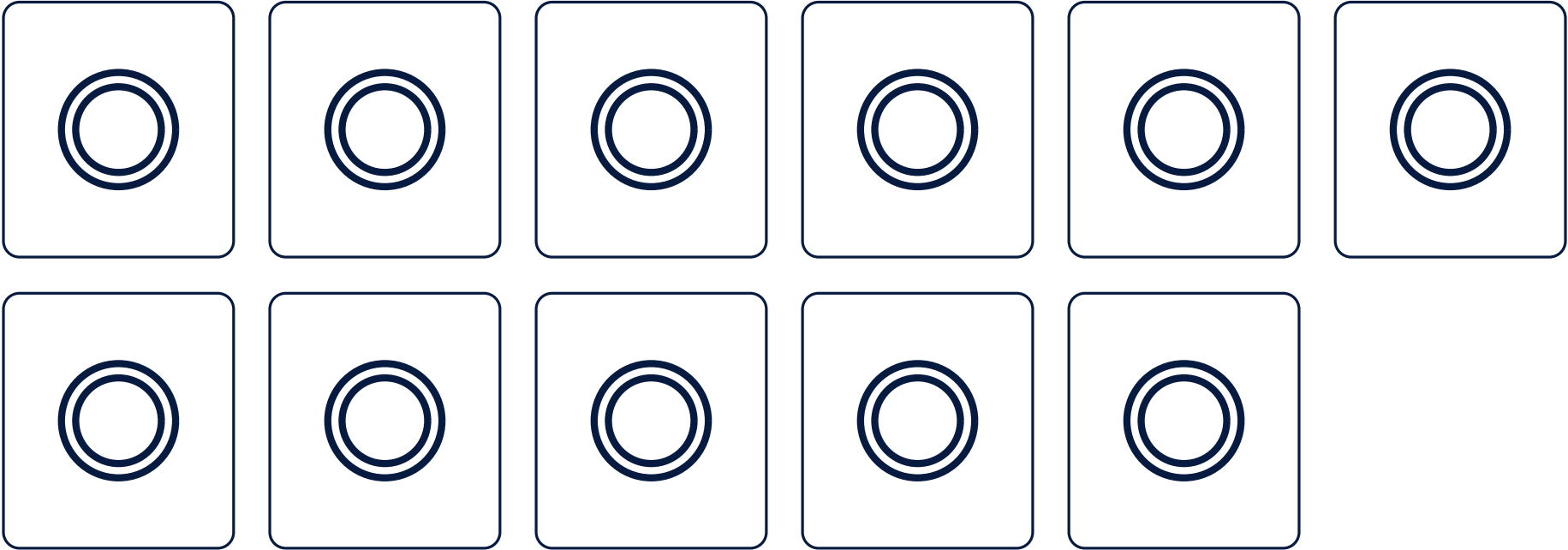
4 Non-example: ignoring the remainder

There are 13 basketballs, shared into 4 groups. Someone gets three in each with one left over, but reports the answer as just 'three'.

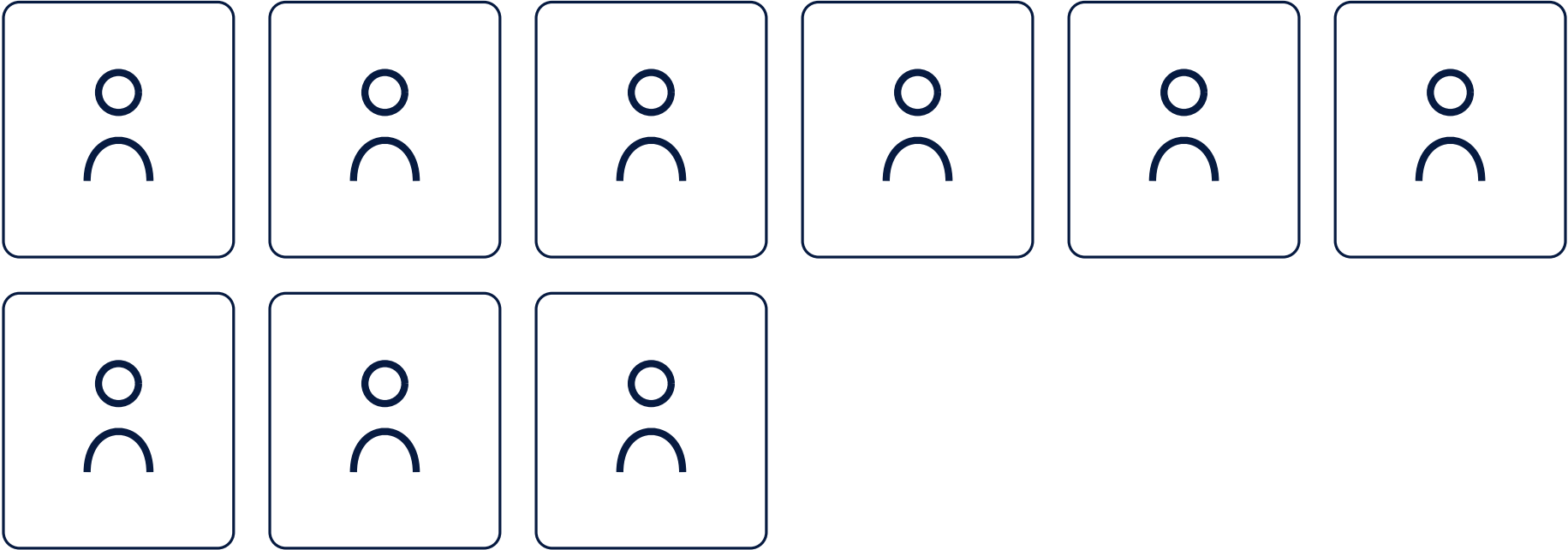
"Were all thirteen basketballs accounted for?"

"What is missing from this answer?"

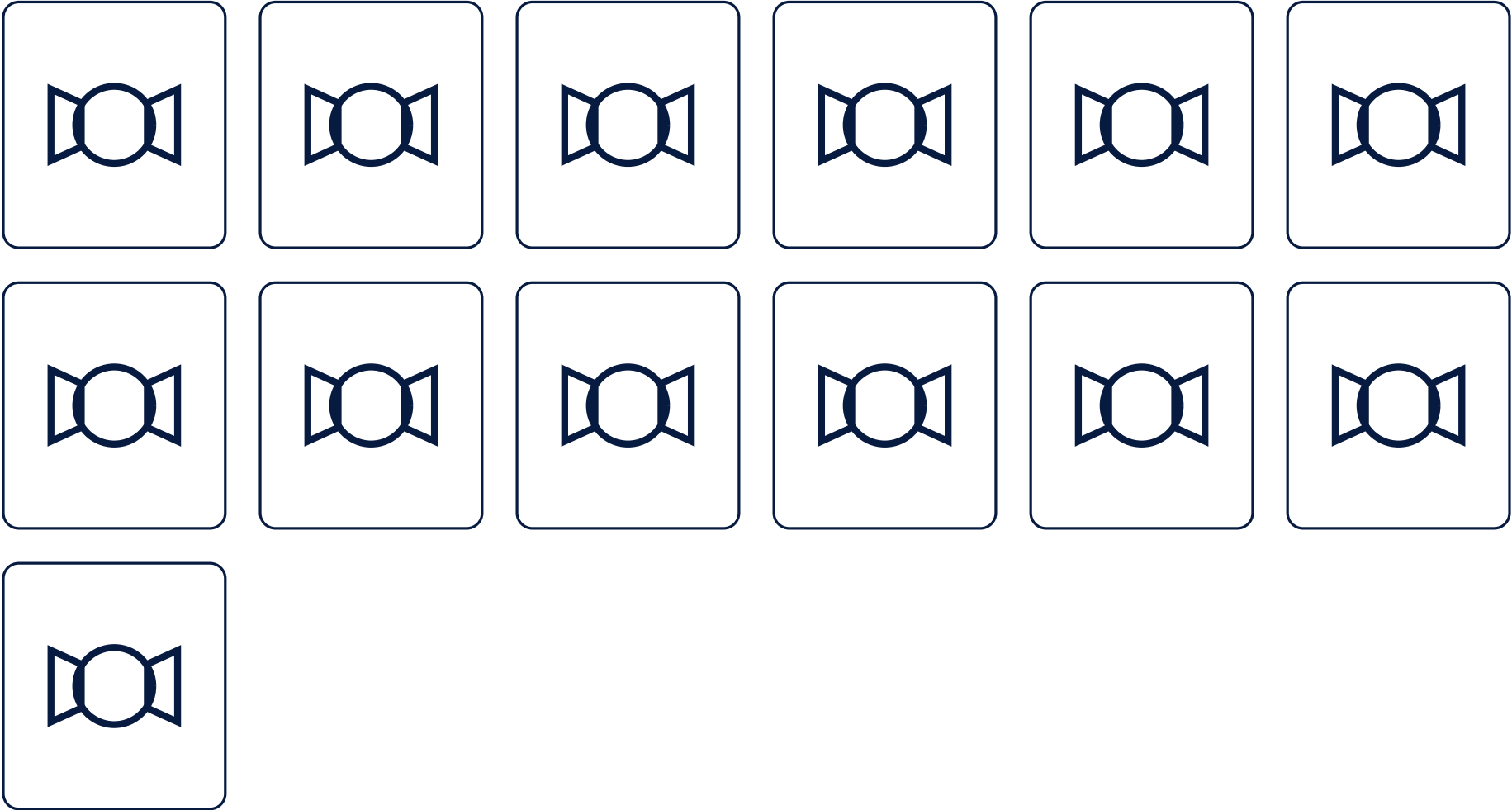
Cards — Coins (11 needed)



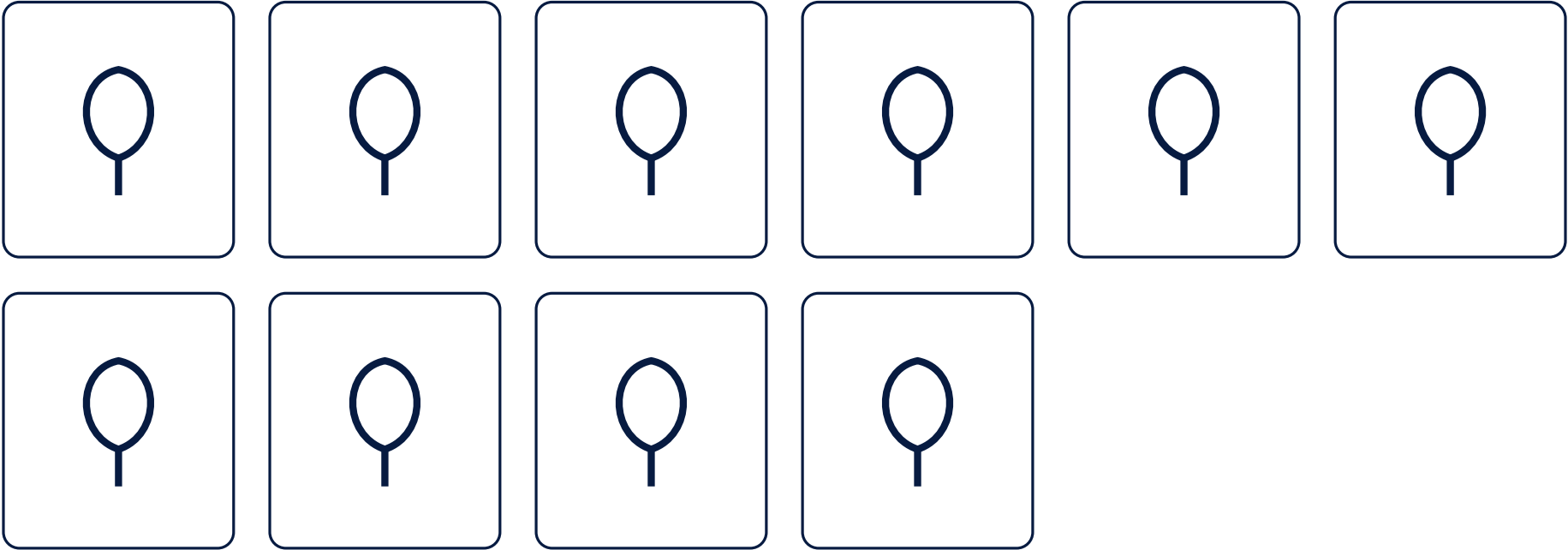
Cards — People (9 needed)



Cards — Lollies (13 needed)



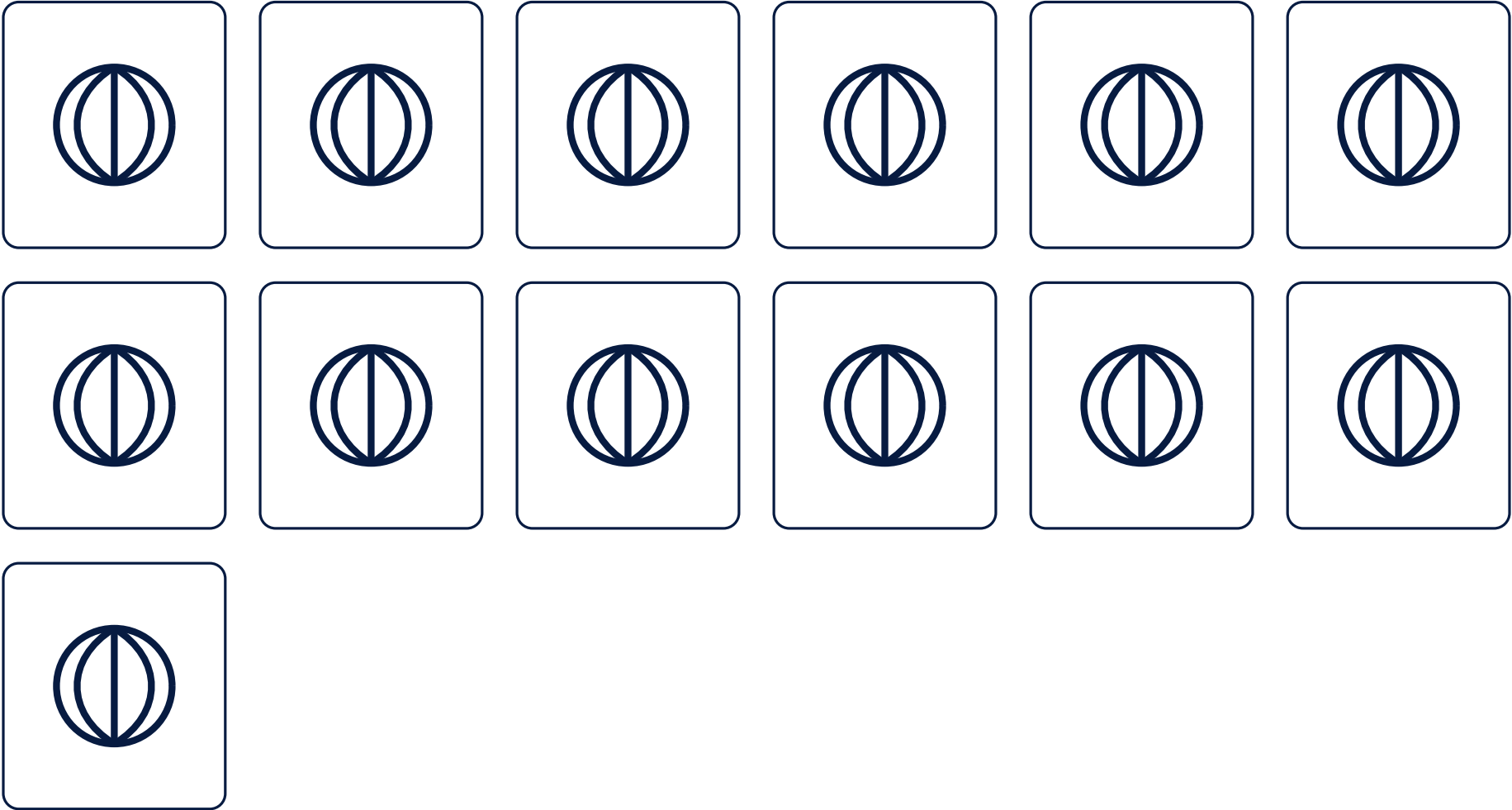
Cards — Balloons (10 needed)



Cards — Tables (3 needed)



Cards — Basketballs (13 needed)



Cards — Baskets (4 needed)

