Equal groups: answers and notes

What your child practised: spotting equal groups and finding the total by adding them (repeated addition), the first step towards multiplication in Year 2.

Page 1 · Warm up

First picture: **yes** (3 in every group).
Second picture: **no** (3, 1 and 2).

Page 2 · Try it together

2 + 2 + 2 = **6** · 5 + 5 + 5 + 5 = **20** · 10 + 10 = **20**. The last row will vary: check every group has the same number.

Page 2 · A. How many altogether?

3 groups of **2**, 2 + 2 + 2 = **6**
2 groups of **5**, 5 + 5 = **10**
5 groups of **2**, total = **10**

Page 3 · B. Match

5 groups of 2 → **2 + 2 + 2 + 2 + 2**
3 groups of 10 → **10 + 10 + 10**
2 groups of 5 → **5 + 5**

Page 3 · C. Draw the groups

4 groups of 2: **8** (4 rings with 2 dots in each)
3 groups of 5: **15** (3 rings with 5 dots in each)

Page 3 · D. Fill the gaps

5 + 5 + 5 + 5 = **20** · **2** groups of 10 · 6 groups of 2 = **12** · 4 groups of 10 = **40**

Challenge: No, Leo isn't right. 3 baskets of 5 is 5 + 5 + 5 = **15 carrots**. He added the number of baskets to the number in one basket. Ask your child to point to each basket and count on in 5s: "5, 10, 15".

Watch out for

- **Adding the two numbers** (3 groups of 5 as 8). Say "groups of" out loud, and add one number for each group: 5 + 5 + 5.
- **Groups that aren't equal.** If one group has a different number, adding the groups won't give a "groups of" answer. Check every group first.
- **Losing count.** Count in 2s, 5s or 10s, touching each group as you go.

Going further (5 minutes, no paper)

- **Spot the groups:** socks in pairs, wheels on bikes, fingers on hands. Ask "How many groups? How many in each? How many altogether?"
- **Counting walk:** count in 2s, 5s or 10s with a step for each number.
- **In the game:** Chapter 2, Sharing, gives things out fairly so everyone gets the same.