Sharing Problems

1. The zookeeper needs to share 16 carrots equally with 4 apes. How many carrots will each ape receive?

2. The zookeeper has 15 apples and plans to give 5 apples to each toucan, a very colorful bird. How many toucans will get apples?

3. The zookeeper feeds the lions 3 pounds of meat each day. How much meat do the lions eat in 5 days?

4. The lions eat 3 pounds of meat each day. The zoo has 15 pounds of meat. How many days can the zookeeper feed the lions?

5. One day the zookeeper brought 18 carrots to share equally with the 4 apes. How many carrots will each ape get?

6. A class of 18 students is going on a field trip to the zoo. There are 4 adults who will drive the students. How many students should go in each van?

Master   TG · Grade 2 · Unit 12 · Lesson 5

Teacher Guide

Teacher Guide

Sharing Problems (TG)
Questions 1–6

1.* 4 carrots
2.* 3 toucans
3.* 15 pounds
4.* 5 days
5.* 4 carrots, 2 leftovers
6.* 2 vans with 5 students, 2 vans with 4 students

Name _____   Date _____

Share Equally

Homework

Dear Family Member:
In our study of division, your child has been learning to use various strategies and tools to solve fair share problems. For example, students use number lines, drawings and connecting cubes.
Thank you.

Solve these problems. Show or tell how you solved the problem. Remember to label your answer.

1. Kim has 21 dog treats and 7 new puppies. Kim shares the dog treats fairly among her puppies. How many will each puppy get?

2. There are 18 stickers. Share them equally among three children. How many will each child get?

3. There are 30 bales of hay and 5 elephants. Share the hay equally. How many bales of hay will each elephant get?

4. There are 15 dirty windows in the bird house and 3 cleaning men. They each clean the same number of windows. How many windows will each man clean?

TG · Grade 2 · Unit 12 · Lesson 5   Homework Master

Teacher Guide

Share Equally (TG)
Homework
Questions 1–4

Strategies may vary. Possible responses are given.

1. 3 dog treats. Possible strategy: I drew a picture of 7 dogs. I kept giving 1 treat to each dog until I ran out of treats. Each dog got 3 treats.

2. 6 stickers. Possible strategy: I used repeated subtraction. I kept taking 3 away until I got to zero. Each child got 6 stickers.

3. 6 bales of hay. Possible strategy: Through trial and error, I tried to give each elephant 3 bales of hay, but I had 15 left. Then I gave each elephant 2 more and I had 5 left, so I knew I could give each elephant one more. Each elephant got 6 bales of hay.

4. 5 windows. I took 15 counters and put them into 3 piles. First, I put one counter in each pile and then I kept dealing them out until I had no more left. My answer is 5 windows.

*Answers and/or discussion are included in the lesson.