MY Homework

Lesson 2

Division as Equal Sharing

Homework Helper
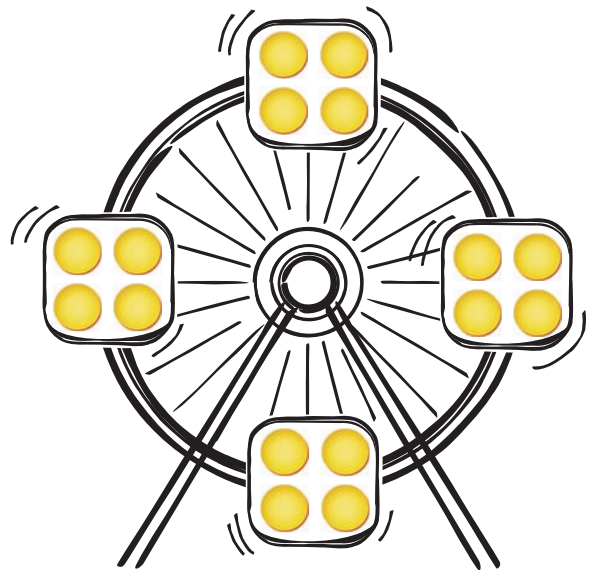
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There are 16 people on a ride at the fair. They are divided evenly among 4 carts. How many people are in each cart?

Use counters to solve the problem.

1 Start with 16 counters to represent the 16 people.

2 Divide the counters evenly among the carts.

3 16 riders divided equally among 4 carts is 4 riders per cart.

So, $16 \div 4 = 4$.

Practice

Use counters to find how many are in each group.

1. 21 counters

7 equal groups

___**3**___ in each group

$21 \div 7 =$ ___**3**___

2. 16 counters

2 equal groups

___**8**___ in each group

$16 \div 2 =$ ___**8**___

3. 18 counters

3 equal groups

___**6**___ in each group

$18 \div 3 =$ ___**6**___

4. 30 counters

6 equal groups

___**5**___ in each group

$30 \div 6 =$ ___**5**___

Use counters to find the number of equal groups.

5. 24 counters

_____**8**_____ equal groups

3 in each group

24 ÷ _____**8**_____ = 3

6. 24 counters

_____**4**_____ equal groups

6 in each group

24 ÷ _____**4**_____ = 6

Problem Solving

Draw a picture to solve. Then write a division sentence.

7. Four friends want to share 8 apples equally. How many apples will each person get?

2 apples; 8 ÷ 4 = 2

8. **Mathematical PRACTICE 4** **Model Math** Sarah has 32 crackers. She eats 2 and throws away 2 that she dropped. Sarah puts the rest of the crackers into 4 equal groups. How many crackers are in each group?

7 crackers; 28 ÷ 4 = 7

My Drawing!

7. Students should draw four groups with 2 in each.

8. Students should draw 4 groups with 7 in each.

Vocabulary Check

Draw an example or write a definition beneath each vocabulary word. Sample answers given.

9. array

● ● ●
● ● ●

10. divide

to separate into equal groups

11. division sentence

18 ÷ 9 = 2

Test Practice

12. There are 25 students in Mr. Copa's class. He divides the students into equal groups of 5. How many students are in each group?

Ⓐ 5 students

Ⓒ 15 students

Ⓑ 10 students

Ⓓ 20 students