

Grade 2 • Unit 8 Worksheet

Equal Groups

Name: _____

Date: _____

Part A • Odd and Even

1. Is 13 an EVEN or ODD number?

Circle one: ☐ Even ☐ Odd

Draw a picture to show how you know.

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2. Is 16 even? Write 16 as a sum of TWO EQUAL addends.

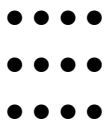
16 is _____ (even or odd).

16 = _____ + _____ (two equal numbers)

3. Sara says, "15 is odd because 1 is odd." Lin says, "No, you have to look at the WHOLE number." Who is correct? Explain.

Part B • Arrays

4. Below is an array of 3 rows and 4 columns of dots. How many dots are there in all?



Find the total by ROWS (write an equation with equal addends).

Find the total by COLUMNS (write a different equation with equal addends).

How many dots in total? _____

5. Draw an array that shows 5 rows of 3.

How many in total? _____

Write an equation for your array.

6. Partition this rectangle into 2 rows and 4 columns of equal-size squares. How many squares in all?



Number of squares: _____

Part C • Thinking Deeply

7. Pat says, "If I have an ODD number of cookies, I can't share them equally with a friend." Is Pat correct? Why or why not?
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8. Look at the array below: ● ● ● ● ● ● ● ● ● ●

How many rows? _____ How many in each row? _____ Total? _____

Now write a story problem this array could represent.

9. What's the same about "3 rows of 4" and "4 rows of 3"? What's different?
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10. Skip-count by 2s: 2, 4, _____, _____, _____, _____, _____. Are all these numbers even? How do you know?
