



GRADE 2 / WATCH MR DJ SOLVE

ODD, EVEN AND EQUAL PAIRS

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Draw 10 dots in pairs. Is the number odd or even?**

- 1** Make pairs.
- 2** 5 pairs use every dot.
- 3** No dot is left.

Answer: **Even; 5 pairs.****REMEMBER** use pairs and equal addends to explain odd and even numbers up to 20.

Read each step and explain why it is valid. The next pages demonstrate the methods in more detail. Then use the large work areas on the numbered practice pages.



GRADE 2 / WORKED METHODS

ODD, EVEN AND EQUAL PAIRS

Read a complete example before trying the matching method.

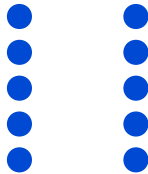


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Complete pairs

10 is even: $5+5=10$

1. Place 10 dots in pairs.
2. There are 5 pairs and no leftover.
3. Two equal groups of 5 make 10.



10: 5 pairs — even



GRADE 2 / WORKED METHODS

ODD, EVEN AND EQUAL PAIRS

Read a complete example before trying the matching method.

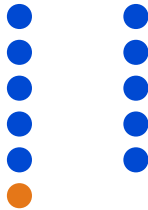


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

A leftover dot

11 is odd

1. Place 11 dots in pairs.
2. Five pairs use 10 dots.
3. One dot has no partner.



11: 5 pairs and 1 leftover — odd

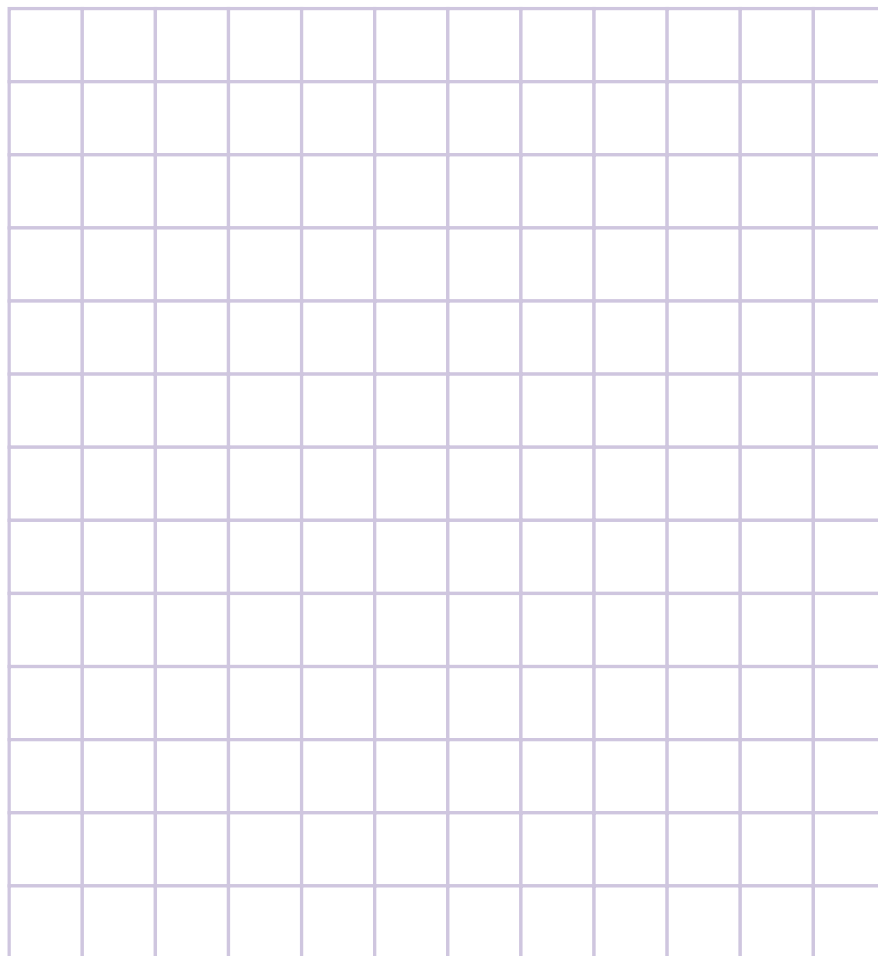
GRADE 2 / MATHEMATICAL WORK TOOL

ODD, EVEN AND EQUAL PAIRS

Draw, label and explain.



Draw and label a picture. Count every object once.





GRADE 2 / PRACTICE

ODD, EVEN AND EQUAL PAIRS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔼 Mild

1. Draw 11 dots in pairs. Is the number odd or even?

My answer / conclusion: _____



Date _____

ODD, EVEN AND EQUAL PAIRS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

Mild 2. Write 10 as two equal addends.

Medium 3. Is 12 even? Show pairs or equal addends.



GRADE 2 / PRACTICE

ODD, EVEN AND EQUAL PAIRS

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

🔊 Medium

4. Add 1 to 10. Explain what happens to the pairs.

Grid area for working out the answer to Question 4.

My answer / conclusion: _____

🔊 Medium

5. Add 2 to 11. Explain what happens to the leftover dot.

Grid area for working out the answer to Question 5.

My answer / conclusion: _____



Date _____

ODD, EVEN AND EQUAL PAIRS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

6. Digit says 11 is even because it is near 10. Test the claim.

My answer / conclusion: _____



Date _____

ODD, EVEN AND EQUAL PAIRS

A cartoon fox character with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

7. Can 10 be two equal whole-number groups? Can 11? Explain.

My answer / conclusion: _____



Date _____

ODD, EVEN AND EQUAL PAIRS

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

8. Use 10 and 11 to explain how adding 1 changes odd and even.

My answer / conclusion: _____