



"Alexa, start Thinking Cap."

Thinking Cap Math

Develop agility in mental math and build the foundation of future learning success.

Counting by 2

Teachers: Practice the problems with the students in the classroom. After this, have them work with Thinking Cap Math (on Amazon Alexa) to solidify their mental math skills.

Material Covered

In this lesson students will practice:

1. Counting forward by 2 starting from a random number.
2. Counting backwards by 2 starting from a random number.
3. Solving word problems with counting by 2.

Part 1 - Counting Forward by 2

- Q1:** When we skip count by twos, after 5 comes the number 7. What number comes 2 after 7?
- Q2:** After 9 is 11. What comes 2 after 11?
- Q3:** After 13 is 15. What comes 2 after 15?
- Q4:** After 17 is 19. What comes 2 after 19?
- Q5** 23, and finally what comes 2 after 23?

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Part 2 - Counting Backwards by 2

- Q1:** Two before the number 20 comes the number 18, what number comes 2 before 18?
- Q2:** Before 16 is 14. What number comes 2 before 14?
- Q3:** Before 12 is 10, and what number comes 2 before that?
- Q4:** Before 8 is 6, and what comes 2 before 6?
- Q5:** And the last number is...?

Part 3 - Counting Forward Word Problems

- Q1:** Rocco, the boxing kangaroo, loved to jump up the big stairs outside of the Philadelphia Museum of Art. If he started on step number 10 and jumped up 2 times, what step would he be on?
- Q2:** What would happen if he jumped up 2 more? What step would he be on then?
- Q3:** Now, what if the champ hopped up 2 more steps? What step would the Rock be now?
- Q4:** He's jumping even more! 2 more steps higher! What step would he be on?
- Q5:** And finally, 2 more steps even higher than that. What is the step he would be on now?

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