



"Alexa, start Thinking Cap."

Thinking Cap Math

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

Addition with 10

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.

Tip: Keep in mind that while working with Alexa, students who experience difficulty with mental math can use concrete props to help them. You can have them use their fingers, toes, or physical counters such as blocks or paper clips.

Material Covered

In this lesson students will practice:

1. Decomposition of the number 10.
2. Addition of the numbers up to 35.
3. Solving word problems with decomposition of the number 10.

Part 1 - Missing Addend

Q1: How many does 6 need to make 10?

Q2: How many does 3 need to make 10?

Q3: How many does 8 need to make 10?

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Q4: How many does 2 need to make 10?

Q5: How many does 5 need to make 10?

Part 2 - Find the Sum

Q1: How much is 3 more than 19?

Q2: How much is 2 plus 13?

Q3: How much is 2 more than 27?

Q4: How much is 3 plus than 15?

Q5: If you had 31 carrots and I gave you 2 more, how many carrots would that be?

Part 3 - Missing Addend Word Problems

Q1: "It is always important to keep our fingernails short," said Doctor Dolittle to his favorite monkey, Chee-Chee. "Chaka-pakaka", said the monkey, which in animal language means, "Of course my beloved doctor, I'm going to trim my fingernails right away!" Chee-Chee took some nail clippers and started carefully chopping off her overgrown nails. If she cut 5 nails, how many nails did she still have to cut to clean all 10?

Q2: And if she cut 7 nails, how many nails did she still have to cut?

Q3: What if Chee-Chee trimmed only 2 nails, how many nails did she still have to trim?

Q4: And how about 6, if she trimmed 6 nails, how many nails did she still have to trim?

Q5: And finally, if the little monkey cut 8 nails, how many nails did she still have to cut?

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