



"Alexa, start Thinking Cap."

Thinking Cap Math

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

Addition with 6

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 6.
2. Addition of the numbers up to 14.
3. Solving word problems with decomposition of the number 6.

Part 1 - Missing Addend

Q1: How many does 2 need to make 6?

Q2: How many does 4 need to make 6?

Q3: How many does 3 need to make 6?

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Q4: How many does 5 need to make 6?

Q5: How many does 1 need to make 6?

Part 2 - Find the Sum

Q1: How much is 1 more than 9?

Q2: How much is 4 plus 5?

Q3: How much is 2 more than 12?

Q4: How much is 3 more than 4?

Q5: How much is 7 plus 2?

Part 3 - Missing Addend Word Problems

Q1: Once upon a time, Tonto the donkey saw an old guitar on the side of the road on his way to the City of Bremen. Usually a guitar has six strings, but this guitar had a few strings missing. Tonto decided to add a few strings to make the guitar work. If the guitar had only 1 string, how many more strings did he need to add to 1 to have all 6?

Q2: And if the guitar already had 3 strings, how many more strings did he need to add to have 6?

Q3: Now let's try a guitar with 4 strings. How many more strings did Tonto need to have 6?

Q4: And if the guitar had only 2 strings? How many more strings did he need to add to have 6?

Q5: And if the old guitar already had 5 strings, how many strings did Tonto the donkey need to add so he could play at the concert?

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