"Alexa, start Thinking Cap."

Thinking Cap Math

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

Subtraction up to 20

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. Finding difference between two numbers.

2. Finding a pair with a giving difference.

3. Finding a missing part of a number.

4. Solving word problems.

Part 1 - Find the Difference

Q1: How much is 13 bigger than 9?

Q2: What is the difference between 16 and 12?

Q3: How much larger is 19 than 13?

Q4: What's the difference between 12 and 6?

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Part 2a - Find a Pair with the Given Difference

Q1: Give me two numbers that have a difference of 12?

Q2: And what two numbers can have a difference of 11?

Q3: Tell me two numbers that can have a difference of 17?

Q4: And what two numbers can have a difference of 13?

Q5: What two numbers can have a difference of 18?

Part 2b - Find a Missing Part

Q1: What number would you subtract from 13 to get 8?

Q2: And what number would you subtract from 18 to get 10?

Q3: And how much would you take away from 16 to get 9?

Q4: What number would you subtract from 19 to get 14?

Q5: And what number would you have to subtract from 15 to get 7?

Part 3 - Word Problem

Q1: Once upon a time, Carol the Talking Cricket was jumping through the bushes picking dry leaves for the salad. The recipe called for exactly 5 leaves. If she already picked 1 leaf, how many more leaves would she need to pick?

Q2: Now let's imagine she already has 3 leaves. How many more leaves would she need to

pick to have 5?

Q3:   And what if she has 2 leaves? How many more would she have to pick?

Q4:   And if she has 4? How many more leaves would she need to pick so that she could make the salad?