"Alexa, start Thinking Cap."

Thinking Cap Math

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

Subtraction up to 30

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 22 bigger than 18?

Q2: What is the difference between 27 and 22?

Q3: How much larger is 29 than 20?

Q4: What's the difference between 23 and 16?

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Part 2a - Find a Pair with the Given Difference

Q1:   Give me two numbers that have a difference of 24?

Q2:   And what two numbers can have a difference of 25?

Q3:   Tell me two numbers that can have a difference of 26?

Q4:   And what two numbers can have a difference of 21?

Q5:   What two numbers can have a difference of 29?

Part 2b - Find a Missing Part

Q1:   What number would you subtract from 30 to get 27?

Q2:   And what number would you subtract from 26 to get 18?

Q3:   And how much would you take away from 23 to get 21?

Q4:   What number would you subtract from 22 to get 17?

Q5:   And what number would you have to subtract from 28 to get 20?

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?