



"Alexa, start Thinking Cap."

Thinking Cap Math

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

Multiplication 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.

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.

Standards: CCSS.Math: 3.OA.A.4, 3.OA.C.7

Material Covered

In this lesson students will practice:

1. Basic multiplication by 2.
2. Finding missing factors in multiplication by 2.
3. Solving word problems with multiplication by 2.

Part 1 - Basic Multiplication

Q1: How much is 2 times 5?

Q2: How much is 3 times 2?

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Q3: How much is 6 times 2?

Q4: How much is 2 times 8?

Part 2 - Finding Missing Factors

Q1: What number would you multiply by 2 to get 6?

Q2: How many 2s make the number 18?

Q3: How many 2s are in the number 14?

Q4: How many multiples of 2 make 20?

Q5: How many 2s do you need to make the number 8?

Part 3 - Word Problems

Q1: If a snake has 2 eyes and there are 2 snakes in the garden, how many eyes would that be?

Q2: If there are 3 snakes in the garden, how many eyes would there be?

Q3: If there are 6 snakes in the garden, how many eyes would there be?

Q4: If there are 9 snakes in the garden, how many eyes would there be?

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