



"Alexa, start Thinking Cap."

Thinking Cap Math

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

Multiplication by 5

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 5.
2. Finding missing factors in multiplication by 5.
3. Solving word problems with multiplication by 5.

Part 1 - Basic Multiplication

Q1: How much is 2 times 5?

Q2: How much is 5 times 4?

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Q3: How much is 5 times 7?

Q4: How much is 9 times 5?

Part 2 - Finding Missing Factors

Q1: What number would you multiply by 5 to get 15?

Q2: How many 5s make the number 40?

Q3: How many 5s are in the number 25?

Q4: How many multiples of 5 make 20?

Q5: How many 5s do you need to make the number 50?

Part 3 - Word Problems

Q1: Imagine that you are the manager of the basketball team and you should help players buy new gear. There are 5 players on the team. If you buy 3 jerseys for each player, how many jerseys will you buy in all?

Q2: If every player needs 7 sweatpants, how many sweatpants should you buy?

Q3: If you have to buy 5 headbands for every player, how many headbands should you buy?

Q4: If every player needs 4 pairs of sneakers, how many pairs of sneakers should you buy?

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