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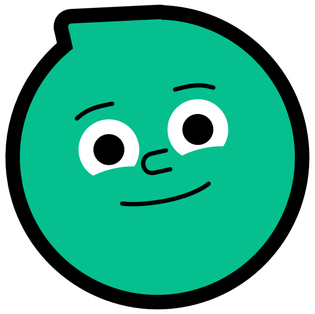
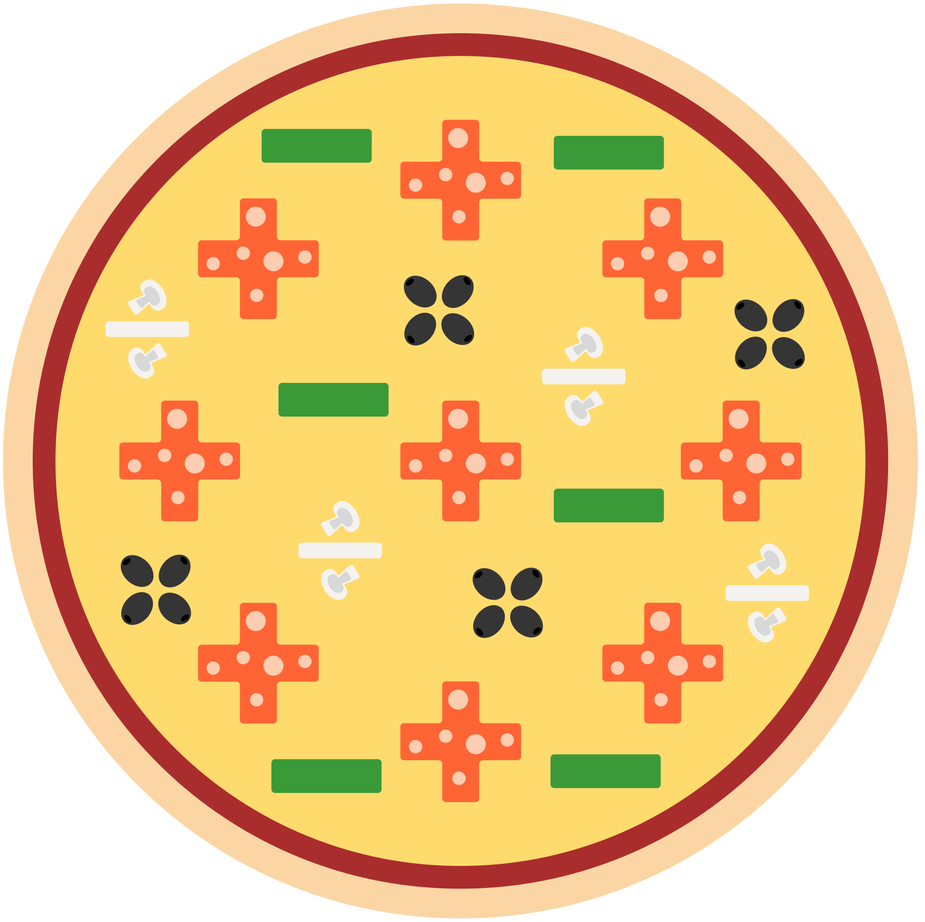
Flo's Pizza

Mathematics | Cycle 2





Scaffolded Problem

Scenario

You're the chef at the best pizzeria in town: *Flo's Pizza*.

This morning, Mr. Malik, a Grade 4 teacher, called you. He's organizing a pizza lunch for his students—and it's today.

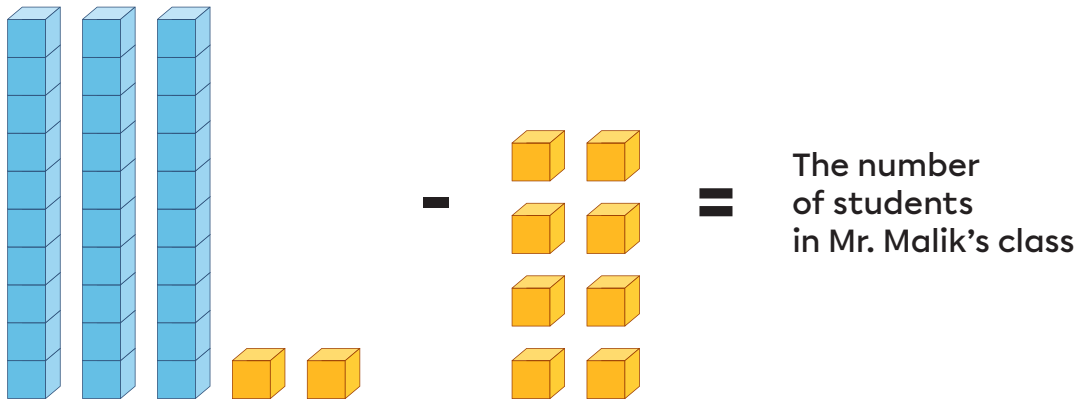
You need to quickly find out how many pizzas you have to make.

Time to get to work!

The number of students who are planning to eat pizza.

Perform the following calculation to find out how many students will be eating pizza.

Keep in mind: Mr. Malik won't be eating any pizza!



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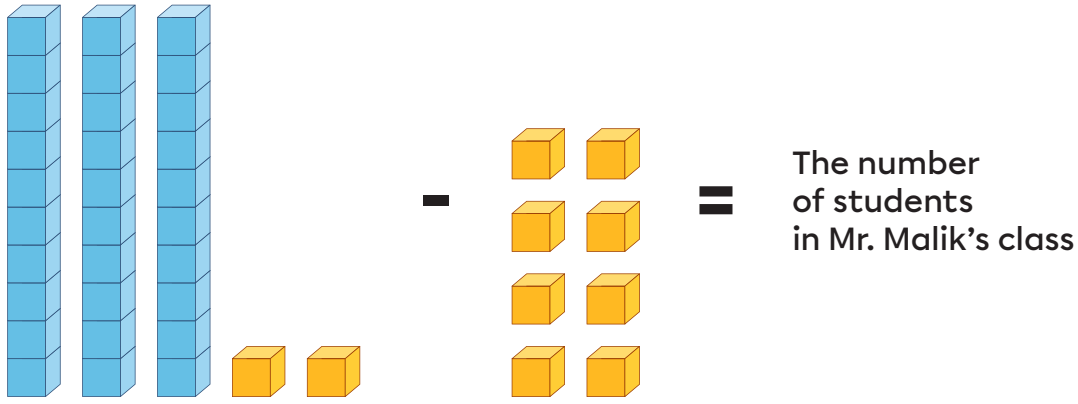

The quantity of pizza slices Mr. Malik's students are planning to eat.

Examine the following number: **69 018**

- The number in the ten thousands position represents the number of students who will be eating **one slice of pizza.**
- The number in the tens position represents the number of students who will be eating **4 slices of pizza.**
- The number in the ones position represents the number of students who will be eating **2 slices of pizza.**
- The rest of the students will be eating **3 slices of pizza.**

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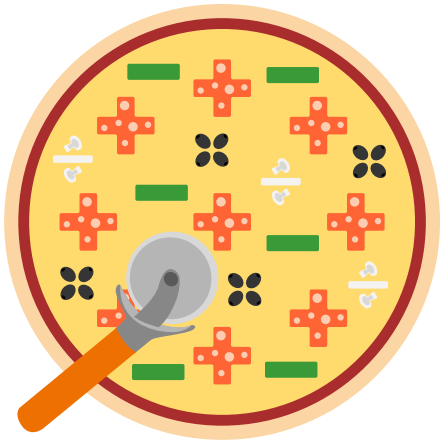
The number of slices per pizza.



Examine the number **34 980** and find the right decomposition for it.

Choosing the right decomposition will reveal the number of slices per pizza.

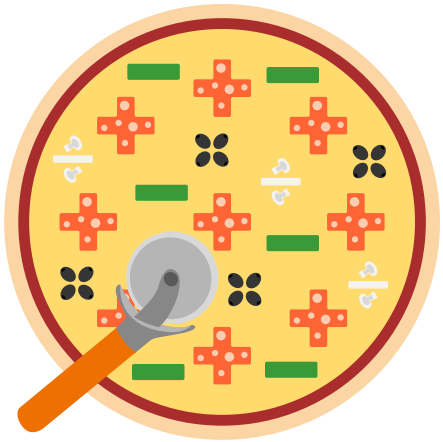
a) 34 980 = (3 x 10 000) + (5 x 1 000) + (9 x 10) + (9 x 100) → 6 slices of pizza

b) 34 980 = (3 x 10 000) +(4 x 1 000) + (9 x 100) + (8 x 10) → 8 slices of pizza

c) 34 980 = 30 000 + 900 + 80 → 4 slices of pizza

d) 34 980 = 30 000 + 400 + 900 + 80 → 10 slices of pizza

The number of slices per pizza.



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