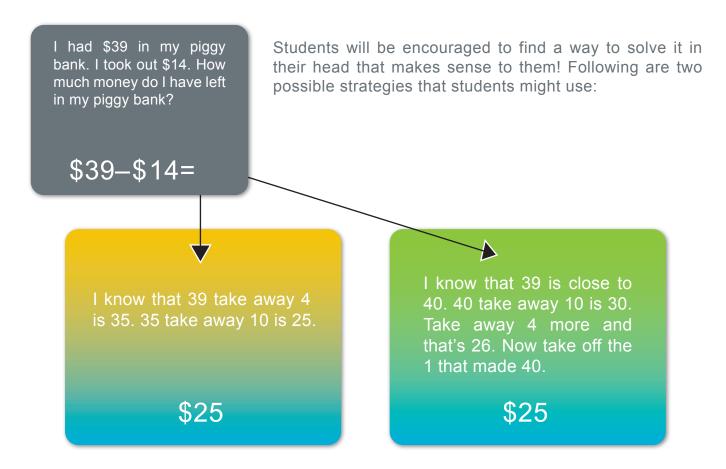
THE REVISED KINDERGARTEN – GRADE 9 MATHEMATICS PROGRAM OF STUDIES



## What is "mental mathematics"?

The revised Mathematics Kindergarten to Grade 9 Program of Studies expects a student to be able to do lots of math in his or her head, or use "mental mathematics." As adults, we do a lot of math in our heads! Most people use mental math at the grocery store, restaurants or department stores. Very few of us take out a pencil and paper to solve this type of consumer problem. We are able to do this because of many years of practice doing mental math in real-life situations.

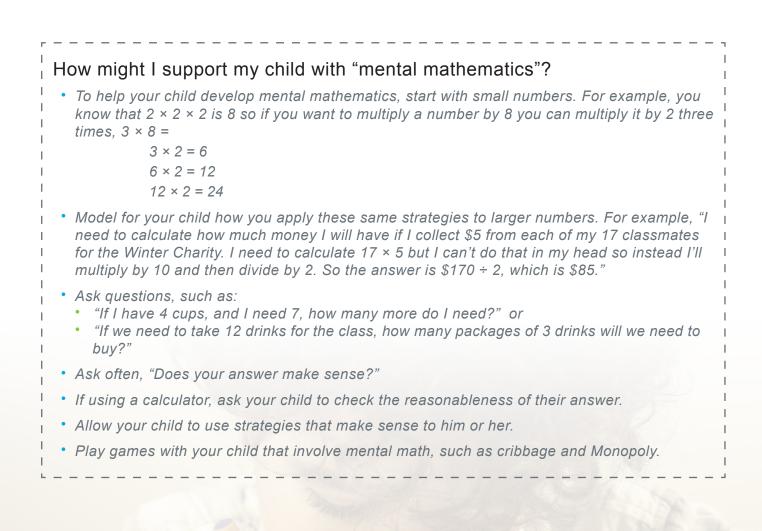
In your child's classroom, students will be encouraged to find ways to use mental math when solving problems. For example, a teacher might pose the following problem:



All of these strategies resulted in the right answer, but different mental mathematics strategies were used. Having students talk about how they think about numbers will allow them to find ways that make sense for them.

For more information, visit www.education.alberta.ca/math.

## THE REVISED KINDERGARTEN – GRADE 9 MATHEMATICS PROGRAM OF STUDIES



Adapted with permission from the Alberta Regional Professional Development Consortia.



For more information, visit www.education.alberta.ca/math.