



MOUSE THINKBOARDS

If the answer is.....

What could the question be

Thinkboards and questions
for numbers to 30-90
(Including an editable slide)

oceanviewresources

DESCRIPTION OF ACTIVITY

1. Have students record a variety of questions, including number sentences and word problems for the given answer within a given time limit (for example 15 minutes).
2. Inform students that they are required to use each of the operations:
addition, subtraction, multiplication and division.
3. Explain that they can also include different types of numbers (whole numbers up to four digits, fractions, decimals), etc.

Adjustment

Provide students with concrete materials if necessary (counters, base 10 material, 100 chart, etc)

Outcomes

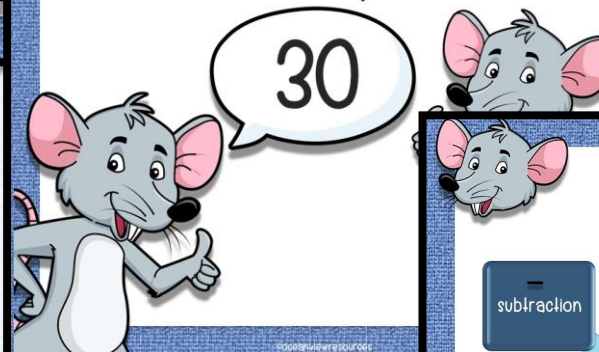
MA1-1WM describes mathematical situations and methods using everyday and some mathematical language, actions, materials, diagrams and symbols
MA3-1WM supports conclusions by explaining or demonstrating how answers were obtained

MA1-5NA uses a range of strategies and informal recording methods for addition and subtraction involving one- and two-digit numbers

MA1-6NA uses a range of mental strategies and concrete materials for multiplication and division
MA1-7NA represents and models halves, quarters and eighths

oceanviewresources

The answer is
What could the question be?



oceanviewresources

WHAT IS A THINKBOARD

It is a graphic organiser or tool to assist students to make connections across/within and between different representations of knowledge. The more connections that are made:

- the better the understanding of the mathematics
- the more likely it will be that the mathematical knowledge is retained
- and easier it should be to apply the mathematics

The focus of the think board is on finding the connections between the different ways of representing a problem.

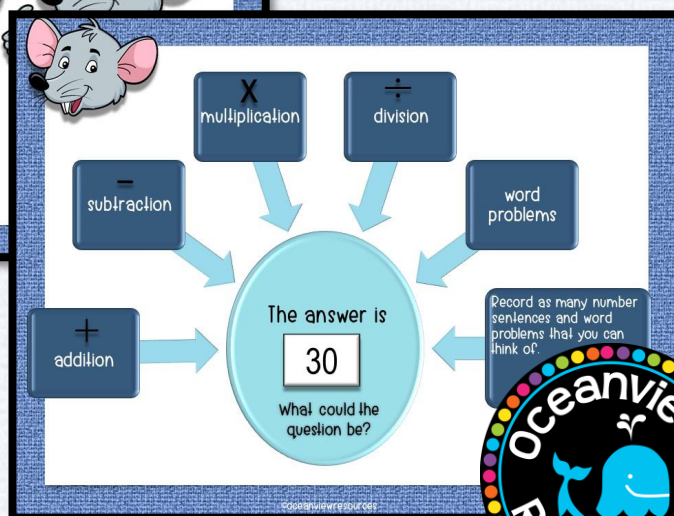
How do I use them?

- Arrange students into groups of four, placed around the Think Board's four sections. Provide the students with one of the sections as a starting point and give them time to discuss the idea with their neighbours before deciding on what to record.
- You can also work on a Think Board as a whole class or individually.

Assessment

- Think Boards promote discussion – look for mathematical language used.
- Assess individual student's understanding of a mathematical idea – look at all sections of the
- Think Board individually to find strengths and weaknesses

oceanviewresources



Record as many number sentences and word problems that you can think of.

oceanviewresources

oceanviewresources

oceanviewresources

oceanviewresources

oceanviewresources

oceanviewresources

A Diagram to Show my Thinking

A Word Story Problem I have written

My thinking

Strategy I Used to Solve it

4 other similar questions

Draw It

Show It

My thinking

Write it

Strategy I used to Solve it

Ten Frames

My thinking

Before and

Draw a Picture

Tens and ones

Place Value

hundreds	tens	ones

My thinking

Tally Marks

Draw a Picture

Number Sentence

Write about it using your words

My thinking

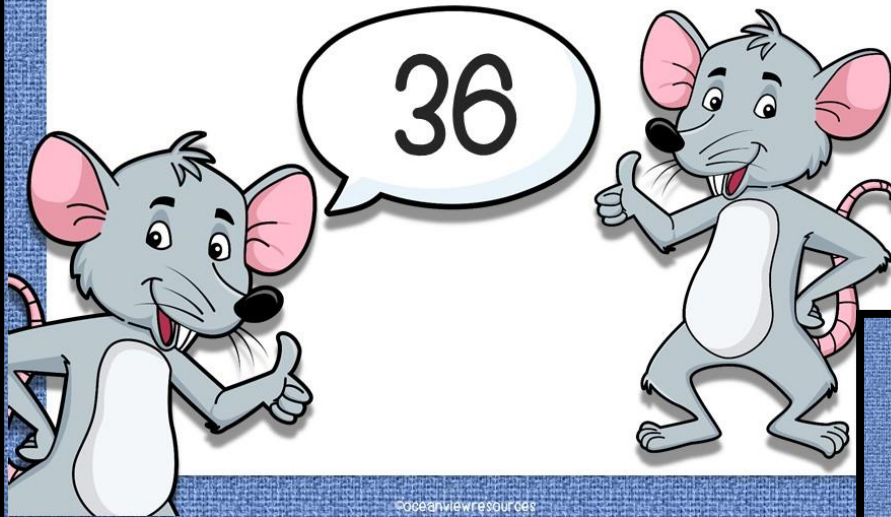
Write it using symbols

Make it

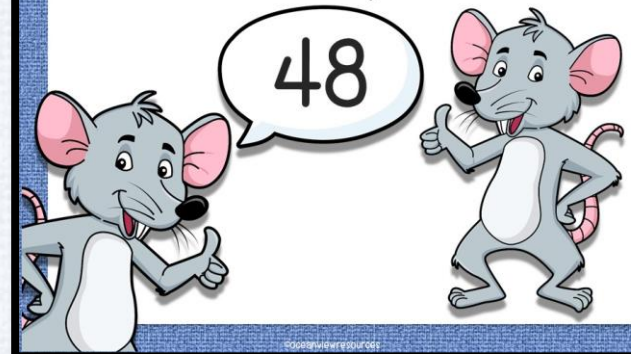
Draw a Picture about it



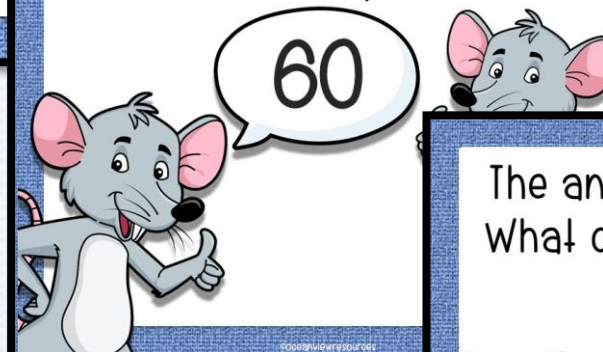
The answer is
What could the question be?



The answer is
What could the question be?



The answer is
What could the question be?



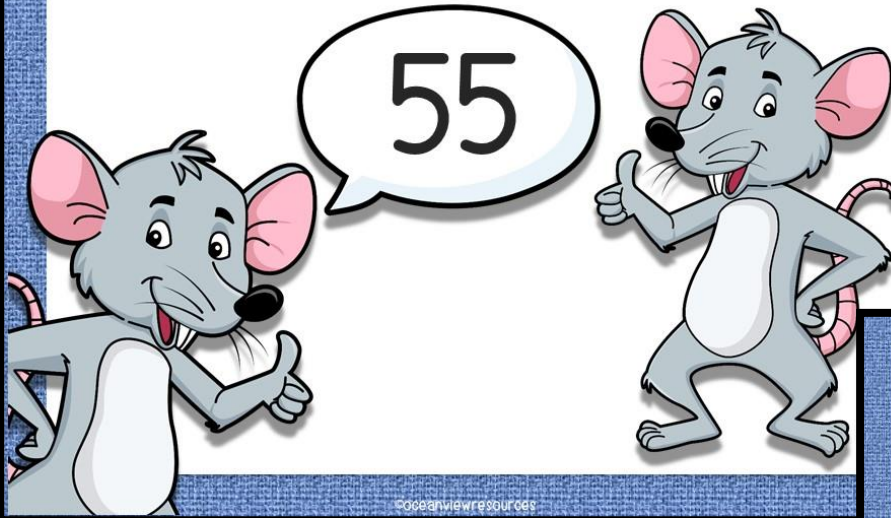
The answer is
What could the question be?



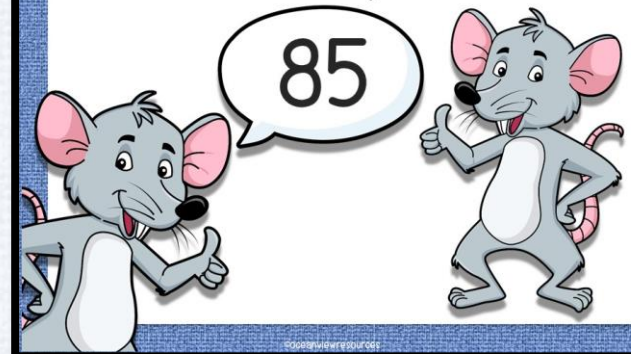
The answer is
What could the question be?



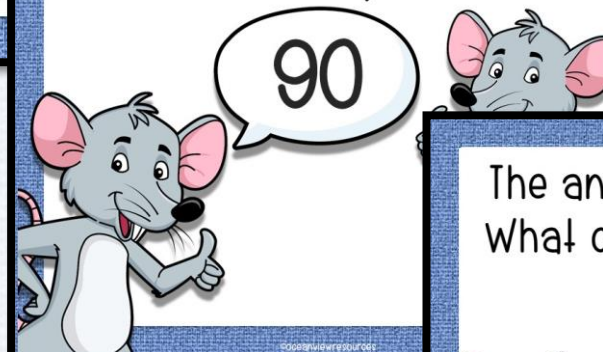
The answer is
What could the question be?



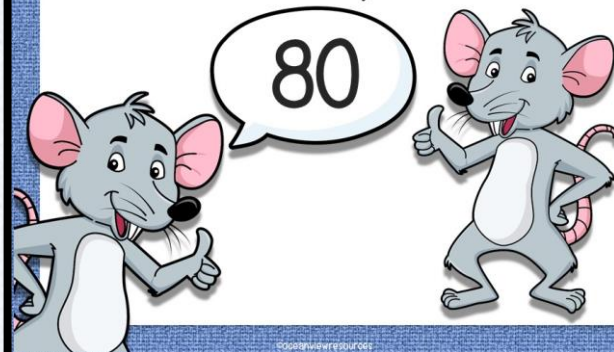
The answer is
What could the question be?



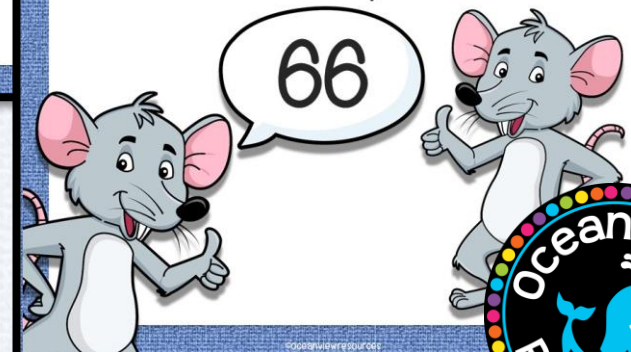
The answer is
What could the question be?

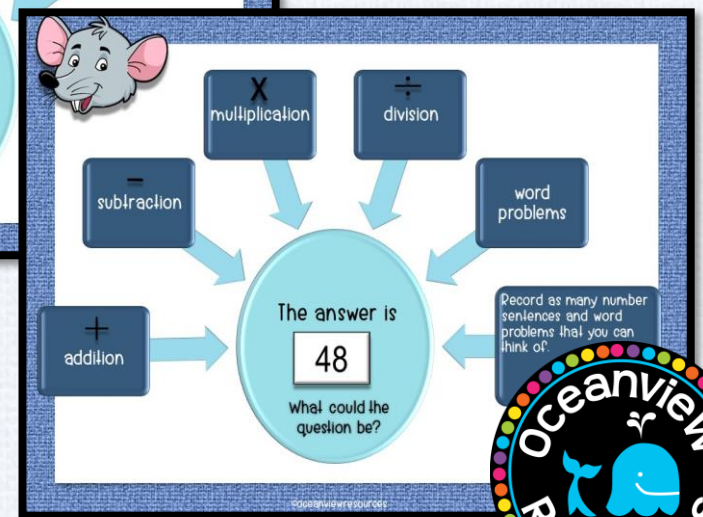
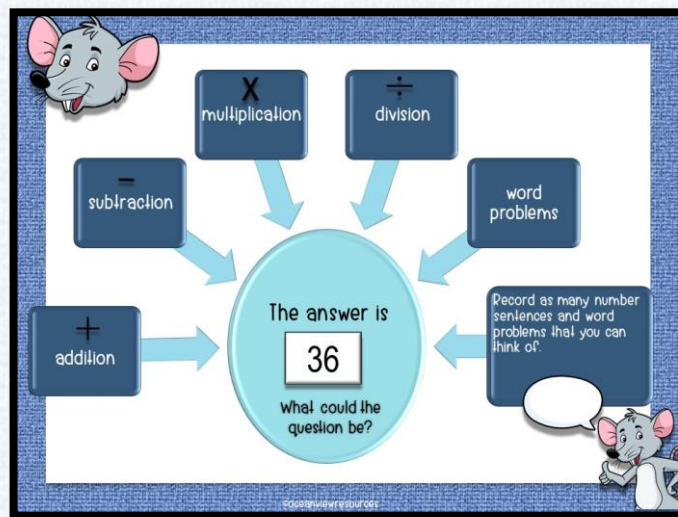
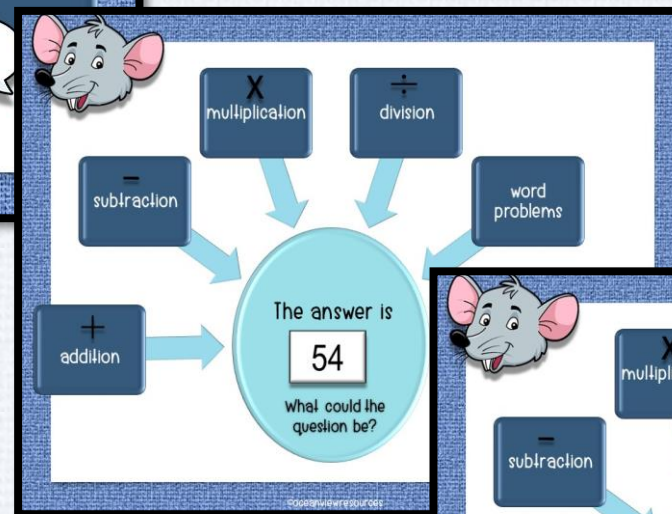
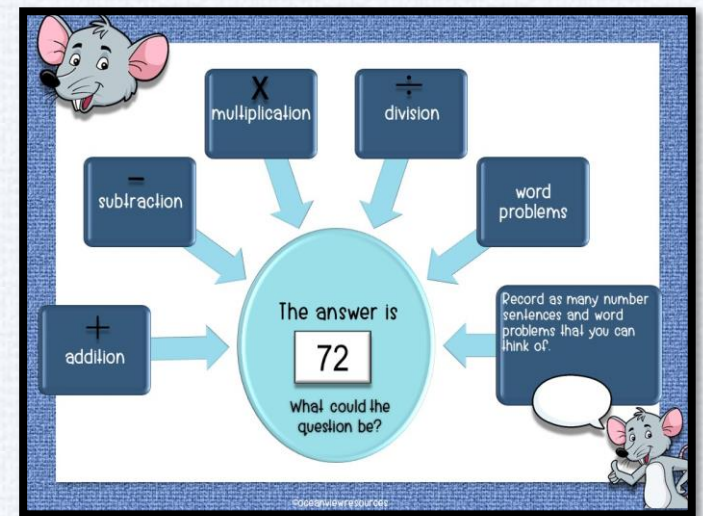
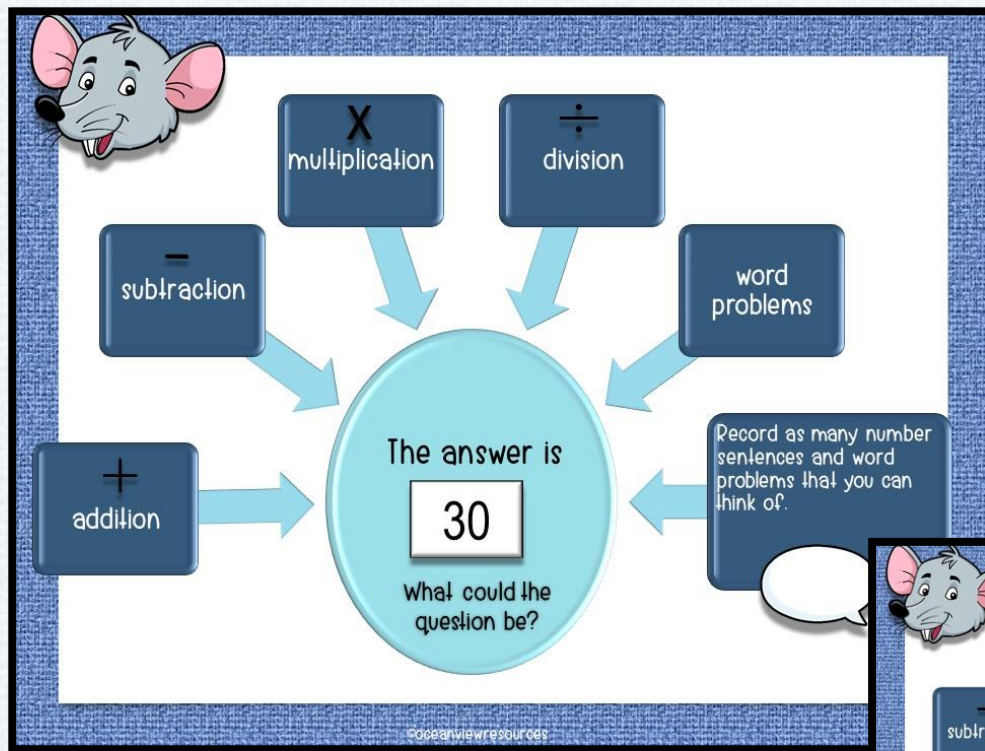


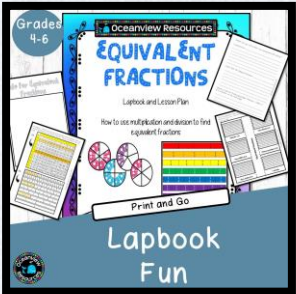
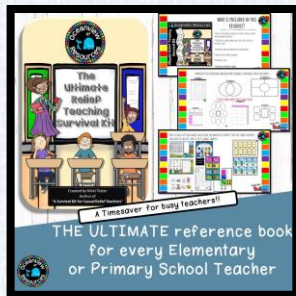
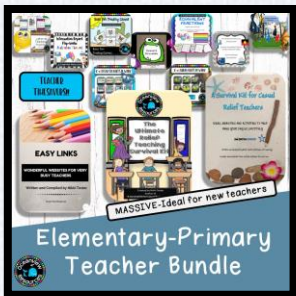
The answer is
What could the question be?



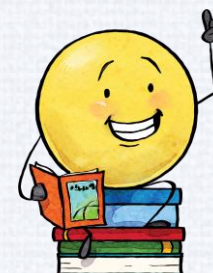
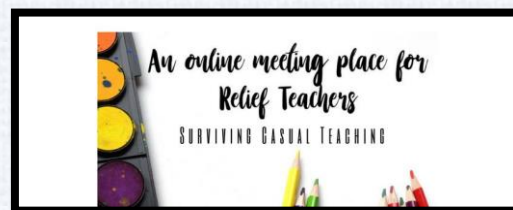
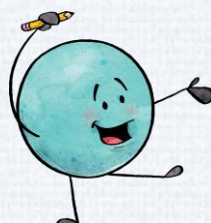
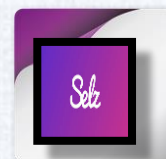
The answer is
What could the question be?







Connect With Me



Other Resources from my store that you may enjoy

Credit to these wonderful Clipartists



Terms of Use and Copyright



Thank you for your purchase! By purchasing this resource, you are agreeing that the contents are the property of Nikki Tester@OceanView Resources and licensed to you only for classroom/personal use as a single user. I retain the copyright, and reserve all rights to this product.



YOU MAY:



- ☐ Use items (free and purchased) for your own classroom students, or your own personal use.
- ☐ Reference this product in blogposts, at seminars, professional development workshops, or other such venues provided there is both credit given to myself as the author and a link back to my SELZ store <https://nikkitester.selz.com/> or website <http://www.oceanviewlearningcentre.com/> is included in your post/presentation.
- ☐ Distribute and make copies of free items only to the teachers provided there is credit given to Nikki Tester and a link back to my SELZ store <https://nikkitester.selz.com/> or website <http://www.oceanviewlearningcentre.com/>



YOU MAY NOT:



- ☐ Claim this work as your own, alter the files in anyway, or remove/attempt to remove the copyright/watermarks.
- ☐ Sell the files or combine them into another unit for sale/free.
- ☐ Post this document for sale/free elsewhere on the internet (this includes Google Doc links on blogs, drop box etc).
- ☐ Make copies of purchased items to share with others is strictly forbidden and is a violation of the Terms of Use, along with copyright law.
- ☐ Obtain this product through any of the channels listed above. Thank you for abiding by universally accepted codes of professional ethics while using this product. ©Nikki Tester@OceanView Resources. @classroomdecorpacks

