

Meerkat Thinkboards Numbers less than 30



PDF and PPT versions
100 pages in each one
For use with IWB

Thinkboards
Editable

MEERKAT THINKBOARDS

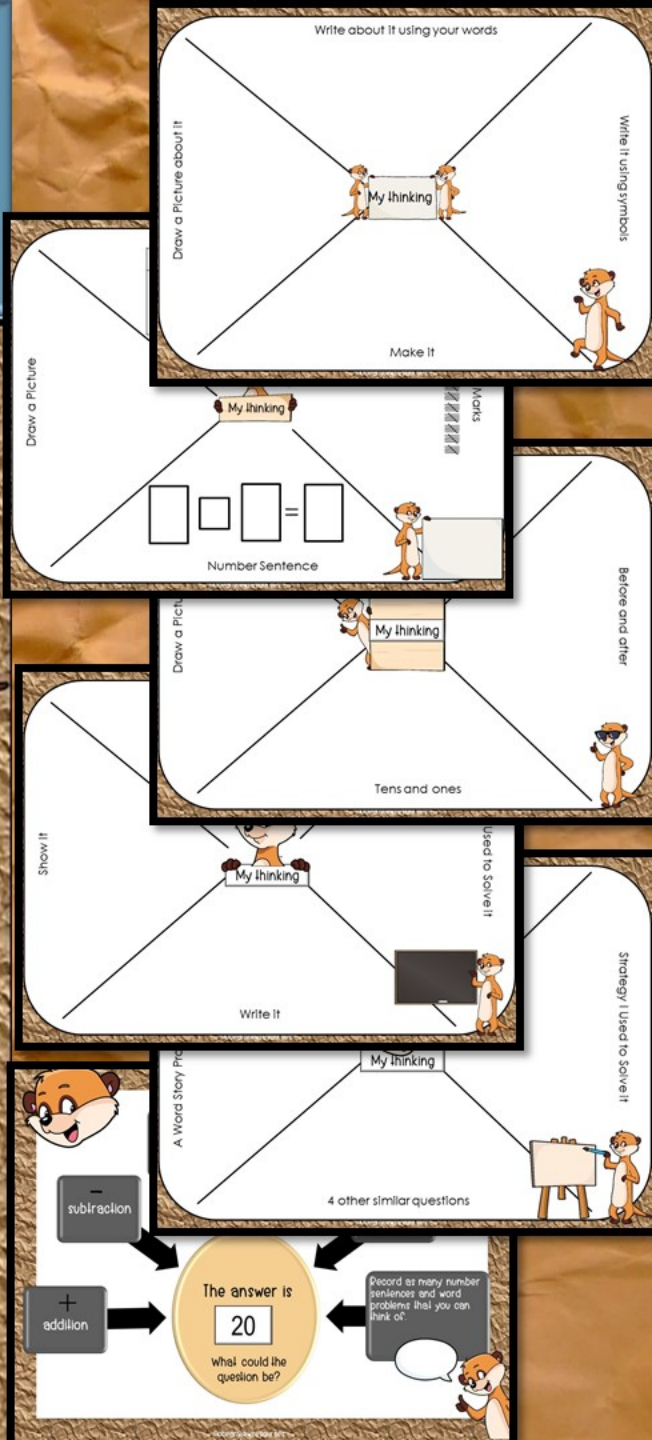
If the answer is.....

What could the question be

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

The answer is 20
What could the question be?

20





MEERKAT THINKBOARDS

If the answer is.....

What could the question be

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

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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

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The answer is 20
What could the question be?



20



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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.

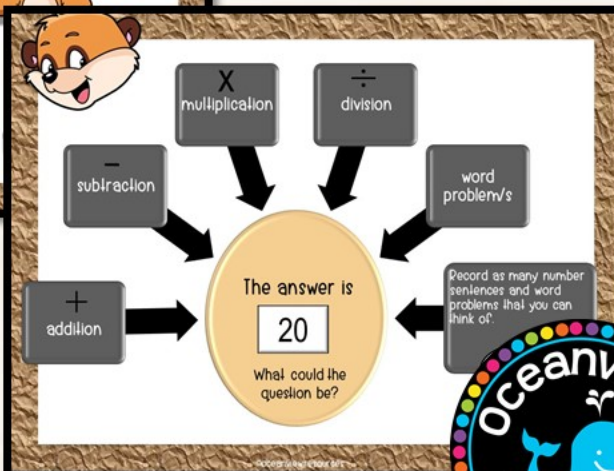
How do I use them?

- Arrange students into groups of four, placed around the Think Board's four sections. Provide the student 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

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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

Strategy I Used to Solve it

Write it




Draw a Picture

Ten Frames

My thinking

Before and after

Tens and ones



Draw a Picture

Place Value

hundreds	tens	ones

My thinking

Tally Marks

Number Sentence




Write about it using your words

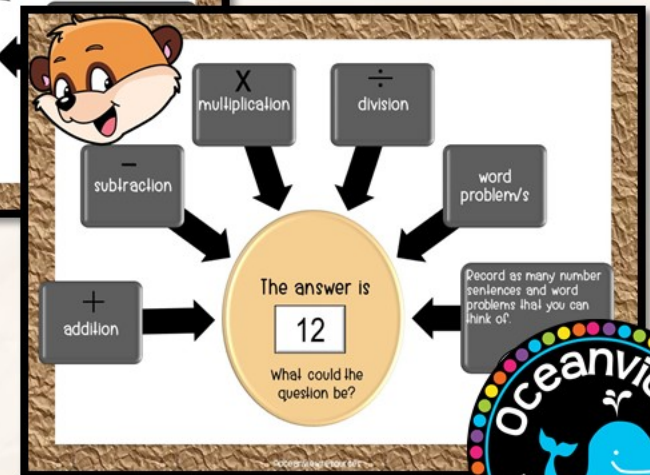
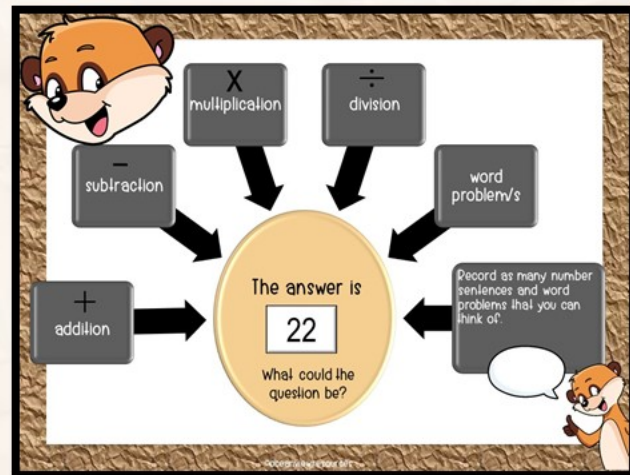
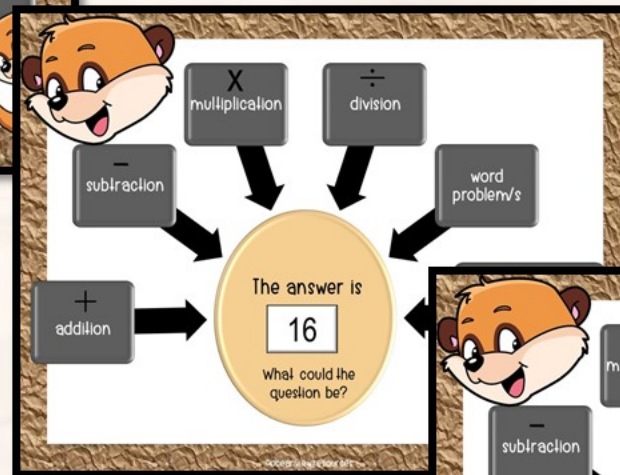
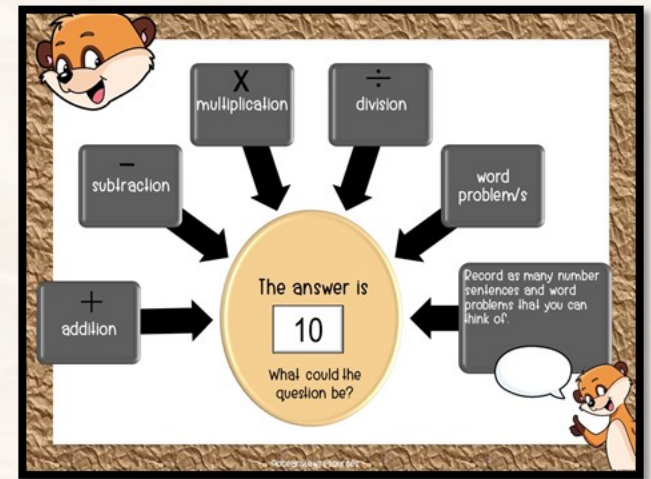
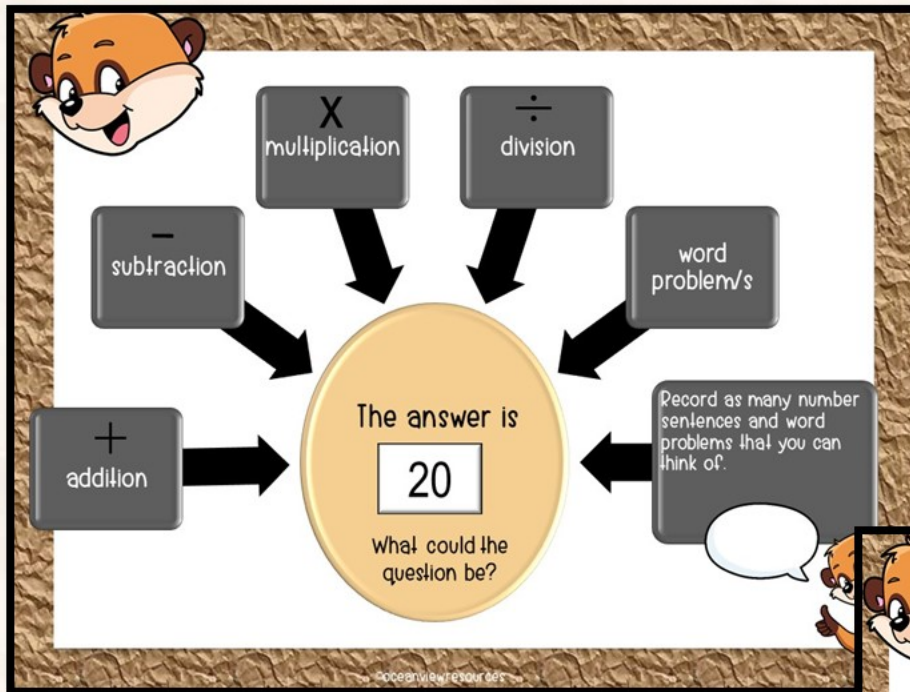
My thinking

Write it using symbols

Make it

Draw a Picture about it



The answer is edit
What could the question be?



Editable Slides

Click on the editable boxes to create your own number of the day.



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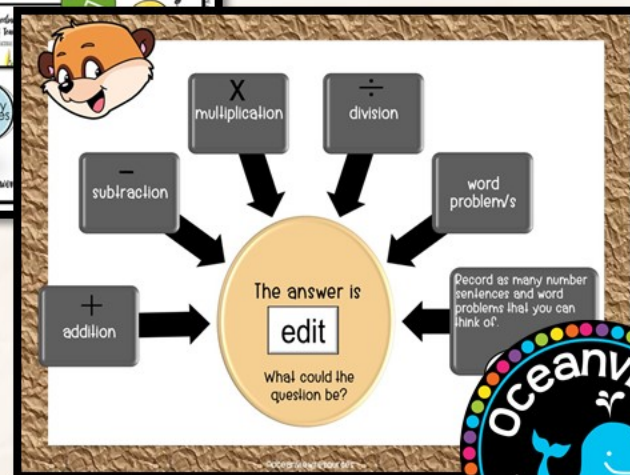
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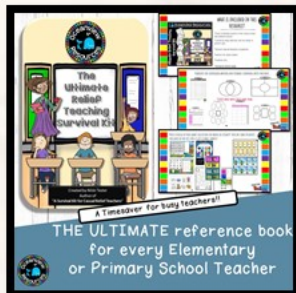
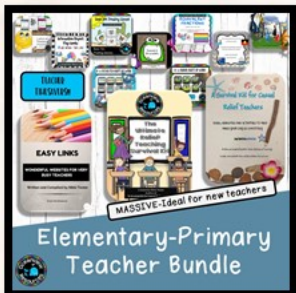
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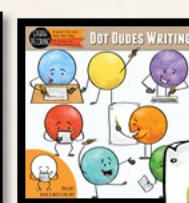
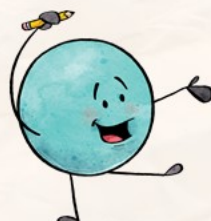
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