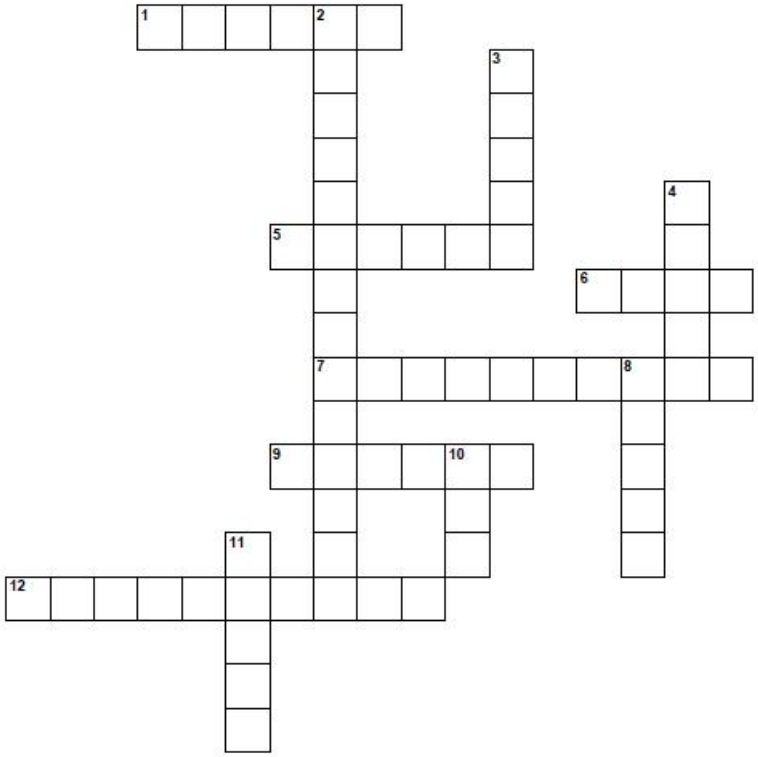
MATH STRATEGIES 2

40.1. Vocabulary

Ex. 1. *Solve the crossword puzzle.*



Across

[1] a thin piece of cord or fiber used for tying, fastening, or hanging things.

[5] to collect things together from different places.

[6] having a low temperature, opposite of hot.

[7] to come up with ideas or solutions by thinking creatively and sharing thoughts with others.

[9] how tall something is, measured from the bottom to the top.

[12] examining the similarities and differences between two or more things.

Down

[2] items found in nature like rocks, trees, flowers, and animals.

[3] a tool used for measuring length or drawing straight lines.

[4] the property possessed by an object of producing different sensations on the eye as a result of the way it reflects light.

[8] a specific arrangement or sequence of things.

[10] having a high temperature.

[11] a collection of people or things that are together in one place.

Ex. 2. *Complete the sentences with the given words:*

hot, string, brainstorm, order, cold, color, gather, group, height, ruler, comparison, natural objects

Let's _____(1) different strategies to solve this math problem together.

It's important to stay focused when working on a math assignment, even if you're feeling _____(2).

Make a _____(3) between the two math methods before deciding which one to use.

Could you please highlight the key information in a different _____(4) to make it easier to understand?

We need to _____(5) all the necessary materials before we start working on our math project.

I think it would be helpful if we work in a small _____(6) on this challenging math equation.

The _____(7) of the triangle is an important factor to consider when calculating its area.

Be careful not to touch the _____(8) surface of the calculator after using it for a long time.

In geometry class, we have to identify and draw different _____(9) to study their shapes.

Let's put these numbers in _____(10) from smallest to largest for our math exercise.

Can you please measure the distance with a _____(11) so we can calculate the perimeter accurately?

Use a _____(12) to help you find the circumference of the circle when solving this math problem.

40.2. Reading

Ex. 1. *Read the text.*

When teaching kids about math, there are many useful strategies you can use. One fun way to get started is to brainstorm ideas with the children. Ask them what they know about numbers and shapes. This makes learning interactive and fun.

Another strategy is to use natural objects from the environment. For example, you can gather leaves, rocks, or sticks and use them to teach counting and sorting. Kids can make a comparison between the sizes and shapes of these items. They may also enjoy organizing them in order from smallest to largest.

Using a ruler is a great way to teach kids about measurement. Let them measure the height of different objects in the room. You can also use a piece of string to measure round objects. Kids will be excited to see how long the string needs to be to wrap around a ball or a jar.

Another effective method is to use color to teach math concepts. For instance, you can group objects by color and count how many items are in each group. This makes it easier for kids to visualize and understand.

Don’t forget to use temperature in your lessons. You can explain the concept of hot and cold by using examples from everyday life. Ask the students to compare a cold drink to a hot one and use a thermometer to check the difference in temperature.

Remember, the key is to make learning as fun and interactive as possible. By using these strategies, you’ll help kids build a strong foundation in math.

Ex. 2. *Answer the questions.*

1. How can brainstorming ideas with children help in teaching math?

2. What natural objects can be used to teach counting and sorting?

3. How can a ruler be utilized to teach kids about measurement?

4. In what way can color be incorporated into teaching math concepts?

5. How can temperature be used to explain hot and cold concepts in math?

6. Why is it important to make learning fun and interactive when teaching math?

7. What is the main goal of using these strategies to teach kids math?

40.3. Communication

Ex. 1. *Make questions using the following words:*

1. multiply/fractions/show
2. formula/finding/area
3. solve/equations/variables
4. simplify/algebraic/expressions
5. difference/perimeter/area
6. graph/linear/equation
7. convert/decimals/fractions
8. strategies/solving/word
9. demonstrate/distributive/property
10. concept/finding/average