

K – Interpreting Context

DMTI VARIED PRACTICE

DMTI Varied Practice Worksheets

This PowerPoint displays the worksheets that have varied situations (context, visual, equations, and other mathematical models) for children to work on. By completing these worksheets, children increase their foundational skills in the topic, which will help them with these standards and future mathematical topics.

1. If using a journal, have children present the worksheet and complete all the problems.
2. Or print the 'Varied Practice Worksheet Slide' for them to work on. Then, you can return to the PowerPoint to look at the keys to check their work.

Grade K: Interpreting Context

Materials Needed

Objects (cubes, blocks, pennies, etc.) or

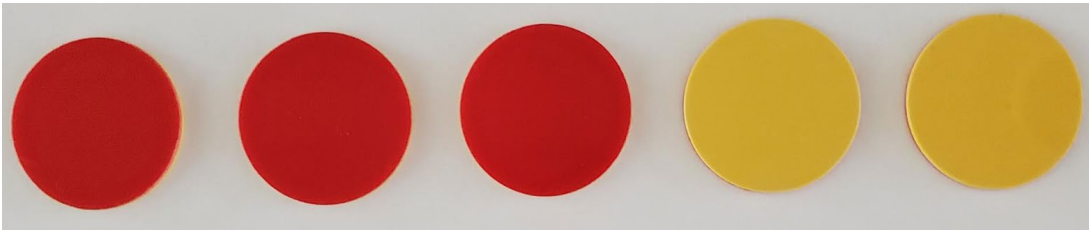
Chips – red/yellow [DMTI math pack]

To practice writing numbers, students can trace the numerals with their finger multiple times and then try to re-write the symbol on a piece of paper.

Grade K: Interpreting Context

Instructions

1. Read the story. If needed, the child can repeat each part of the story back to you as you read it to them. (Ex. I have 3 red balloons and 2 yellow balloons. How many balloons do I have in all?)
2. Have the student use objects to represent the story.



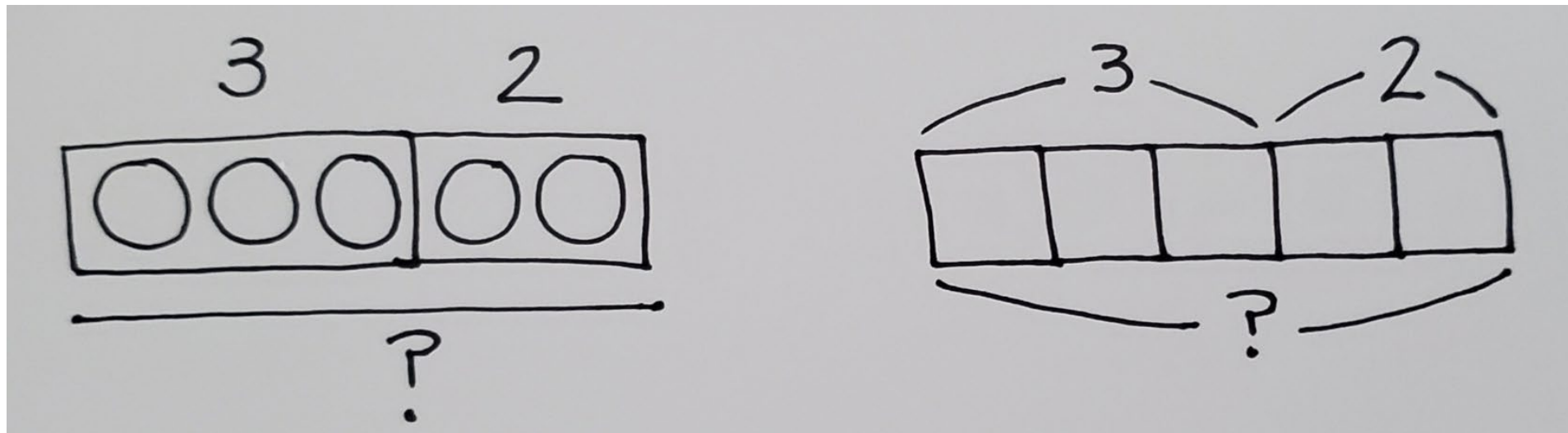
3. Help the child describe what is known and what is unknown from the story.

I have 3 red balloons. I have 2 yellow balloons. I want to find the total number of balloons.

Grade K: Interpreting Context

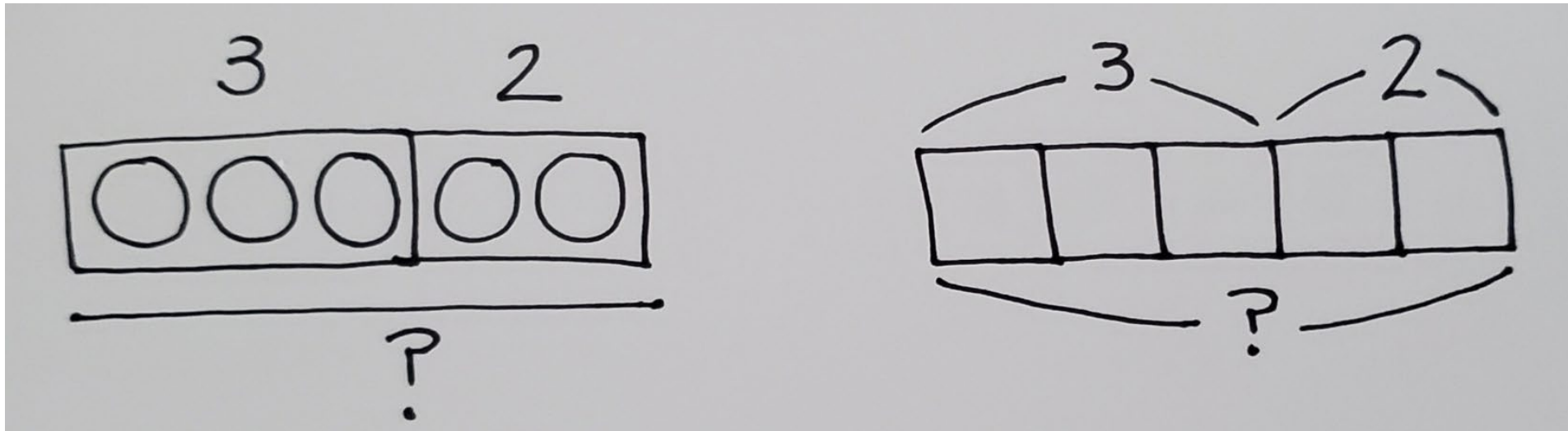
4. After representing the context (story) with objects, have the child draw a bar model to match the objects. It is important to show the parts we know from the story and what part we are trying to find (the unknown). Below are two variations of a bar model. The one on the right shows a more formal representation. Remember, the important concept is the child telling what the 3, 2 and 5 means in the story.

The 3 is the red balloons. The 2 is the yellow balloons. The 5 are how many balloons in all.



Grade K: Interpreting Context

5. The final step is writing an equation (number sentence) that matches the model. There will be more than one equation that will work.



$$3 + 2 = ?$$

$$? = 3 + 2$$

$$2 + 3 = ?$$

Varied Practice Worksheet: Interpreting Context (GK)

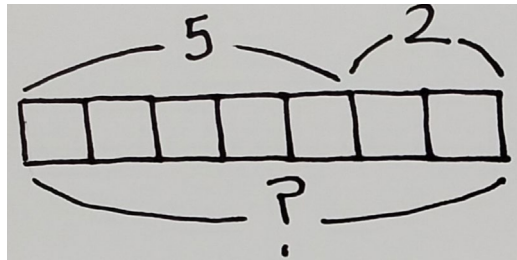
1. There are 5 yellow eggs and 2 red eggs in the nest. How many eggs are in the nest?

2. There are 8 eggs in the nest. 4 of them are yellow and the rest of them are red. How many red eggs are in the nest?

3. There are 7 red eggs and 1 yellow egg in the nest. How many eggs are in the nest?

4. There are 10 eggs in the nest. 6 of them are yellow and the rest of them are red. How many red eggs are in the nest?

1.



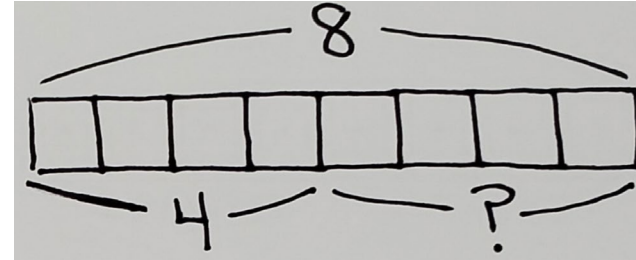
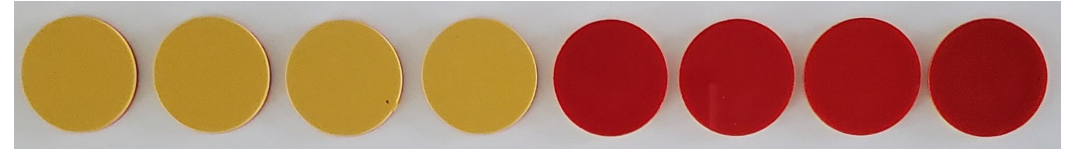
$$5 + 2 = ?$$

$$? = 5 + 2$$

$$2 + 5 = ?$$

$$? = 2 + 5$$

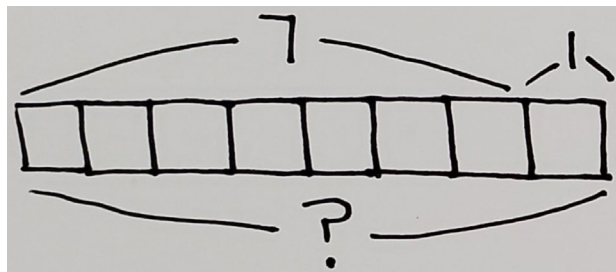
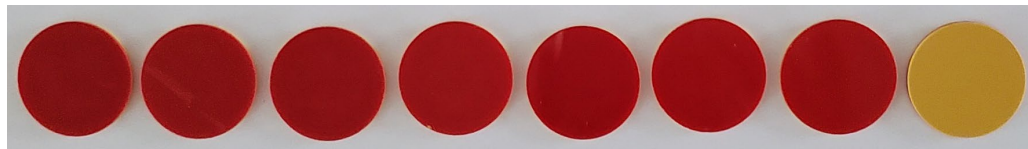
2.



$$8 = 4 + ?$$

$$4 + ? = 8$$

3.



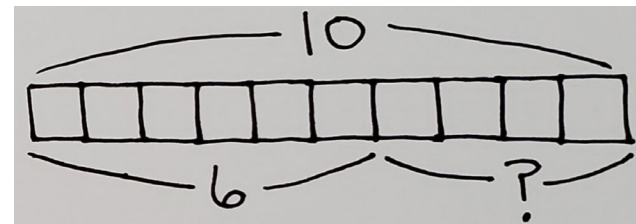
$$7 + 1 = ?$$

$$? = 7 + 1$$

$$1 + 7 = ?$$

$$? = 1 + 7$$

4.



$$10 = 6 + ?$$

$$6 + ? = 10$$

$$? + 6 = 10$$

$$10 = ? + 6$$