

Grade Level / Content Area:	Grade 3-5 / Math – Addition & Subtraction
Standards:	CCSS.MATH.CONTENT.3.OA.D.8
Concept/Topic to Teach:	Addition & Subtraction (up to 24) Word Problems

I. Getting students set to learn Fractions

Introduction/Review; Discuss the work the class has recently done with Addition & Subtraction.

Anticipatory Set; Explain how today's lesson will allow them to solve a different kind of addition and subtraction (with larger numbers) problem; one presented by words, not numbers.

Objectives;

- The students will be able to identify which illustrations answer the question.
- The students will be able to translate word problems into numerical representations which can be used to answer the question.
- The students will be able to write addition and subtraction equations.

II. Instruction

Input and Modeling; Go through the first two examples from the worksheet together. Explain the importance of listening to or reading the problem carefully before attempting to answer it. Ask the students to complete the remainder of the first worksheet page.

III. Checking for understanding

Checking Understanding; Review the student's completed first worksheet pages and explain any errors.

Guided Practice; Have the students complete the second page of the worksheet.

IV. Independent practice – Hands-On Learning

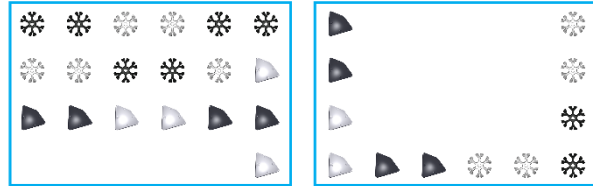
Independent Practice;

Pass out the HyPars Educational Kits and tell the students these kits will help them solve addition and subtraction word problems.

- From the HyPars Educational Kit parts, have each student make one small group of connectors and a second group containing HyPars. Ask the students how many HyPars and Connectors they have in this first group.
- From the HyPars Educational Kit parts, have each student make one small group of connectors and a second group containing HyPars. Ask the students how many HyPars and Connectors they have in this second group.
- Have the students add the two groups together and ask how many HyPars and Connectors they now have. Have the students write the addition equation for the HyPars and then the Connectors they have just performed.
- Have the students assemble the remaining HyPars and Connectors into an assembly.
- From the HyPars Educational Kit parts, have each student make one small group of connectors and a second group containing HyPars. Ask the students how many HyPars and Connectors they have in this first group.
- Have the students take three HyPars and two Connectors away from their groups and put them back into the HyPars Educational Kits. The students have thus subtracted three HyPars and two Connectors from the original group. Ask the students to write the subtraction equation they have just performed for the HyPars and then the Connectors.
- Have the students assemble the remaining HyPars and Connectors into an assembly.
- Have the students disassemble their assemblies and put the parts away back into their HyPars Educational Kits.

Addition and Subtraction (up to 24) Word Problems Worksheet

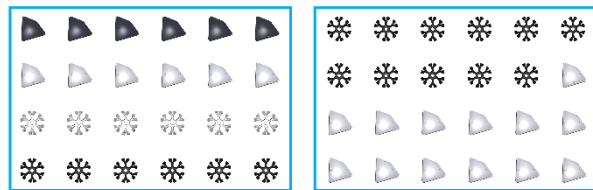
1) If a student had nine Connectors and six HyPars in one group and two Connectors and two HyPars in another and the student added the two groups, circle the Figure which represents the answer for those additions? Write the Connectors and then the HyPars addition equations below the Figures.



1b) _____ + _____ = _____

1c) _____ + _____ = _____

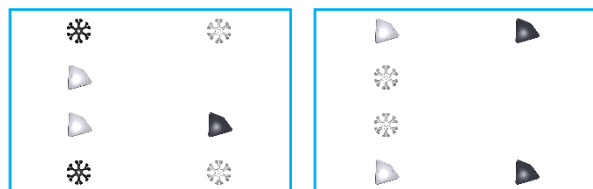
2) If a student had three Connectors and four HyPars in one group and eight Connectors and nine HyPars in another and the student added the two groups, circle the Figure which represents the answer for those additions? Write the Connectors and then the HyPars addition equations below the Figures.



2b) _____ + _____ = _____

2c) _____ + _____ = _____

3) If a student had thirteen Connectors and five HyPars in one group and subtracted nine Connectors and two HyPars circle the Figure which represents the answer for those subtractions? Write the Connectors and then the HyPars subtraction equations below the Figures.

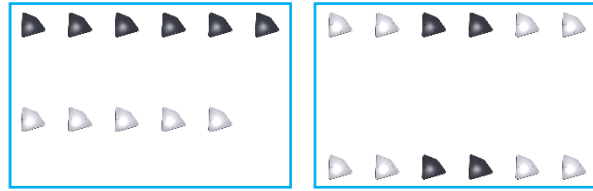


3b) _____ + _____ = _____

3c) _____ + _____ = _____

Addition and Subtraction (up to 24) Word Problems Worksheet

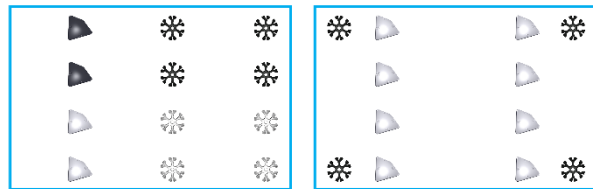
- 4) If a student had nine Connectors and fifteen HyPars in one group and subtracted nine Connectors and four HyPars circle the Figure which represents the answer for those subtractions? Write the Connectors and then the HyPars subtraction equations below the Figures.



4b) _____ + _____ = _____

4c) _____ + _____ = _____

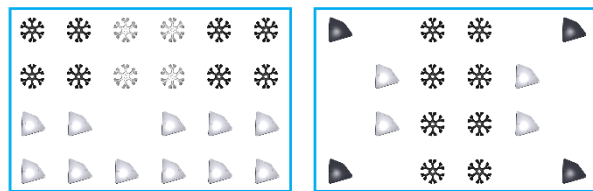
- 5) If a student had eleven Connectors and twelve HyPars in one group and subtracted seven Connectors and four HyPars circle the Figure which represents the answer for those subtractions? Write the Connectors and then the HyPars subtraction equations below the Figures.



5b) _____ + _____ = _____

5c) _____ + _____ = _____

- 6) If a student had three Connectors and four HyPars in one group and nine Connectors and seven HyPars in another group and the student added the two groups, circle the Figure which represents the answer for those additions? Write the Connectors and then the HyPars addition equations below the Figures.



6b) _____ + _____ = _____

6c) _____ + _____ = _____