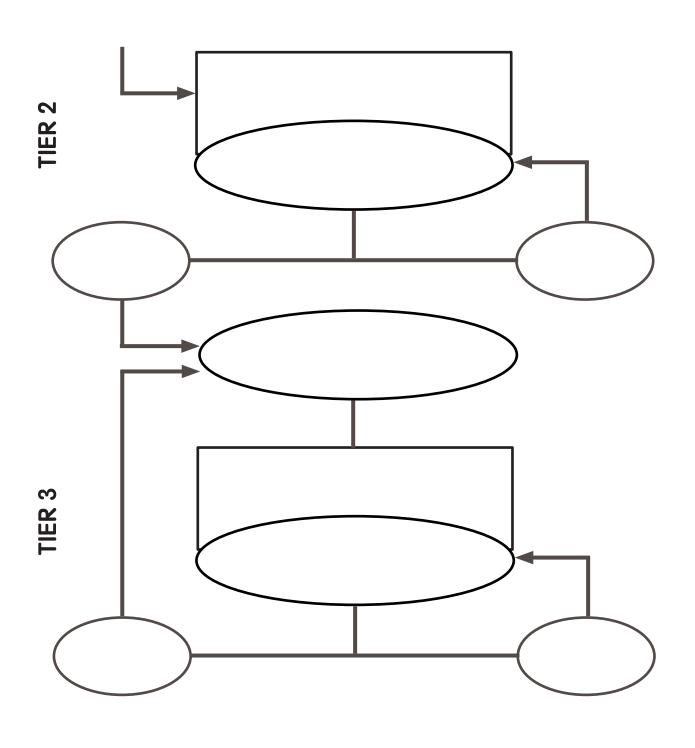
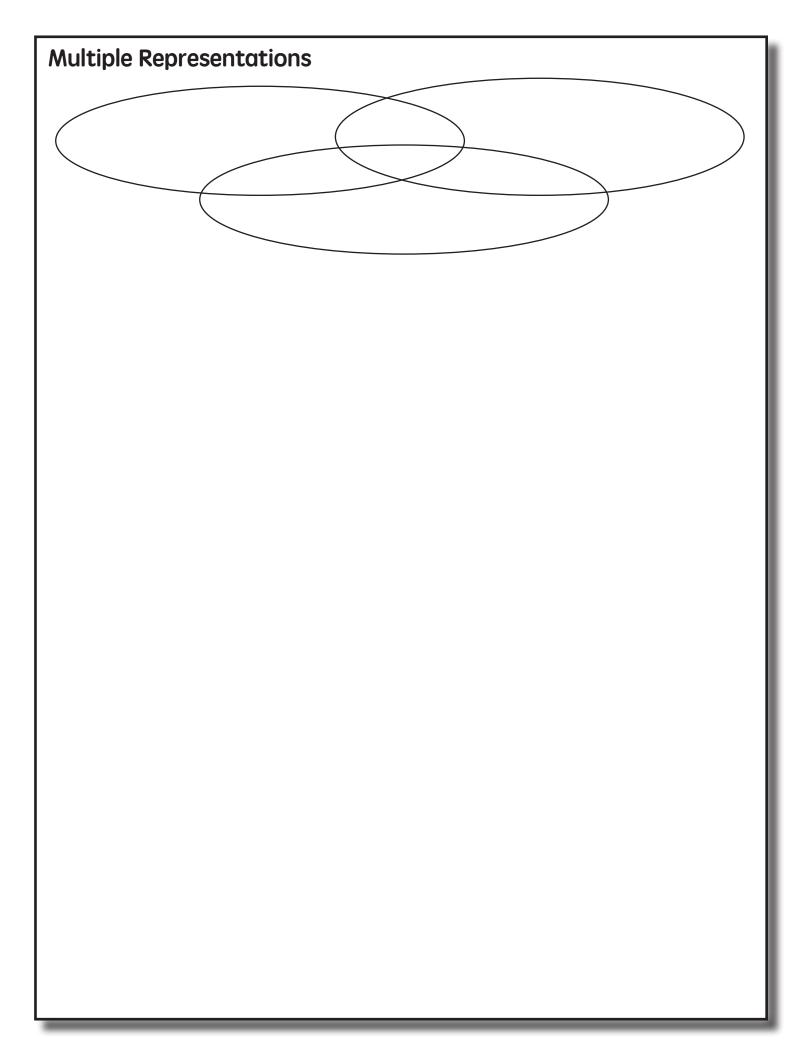
Considerations for Mathematics Intervention

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Explicit Instruction				

nstead of that	Say this	



Fractions

Three Models

Fraction	Length	Area	Set
<u>2</u> 3			
1 4			
1 1 2			
<u>3</u> 7			

Improper Fractions and Mixed Numbers

Equivalent Fractions

Comparing Fractions

$$\frac{1}{2}$$
 $\frac{3}{10}$

$$\frac{2}{6}$$
 $\frac{4}{6}$

$$\frac{2}{3}$$
 $\frac{2}{5}$

Ordering Fractions

$$\frac{6}{8} \quad \frac{3}{5} \quad \frac{1}{3}$$

Fluency			
Addition	Subtraction		
Multiplication	Division		

Computation: Addition and Subtraction			
227 + 185 =	232 - 164 =		

Computation: Multiplication and Division			
183 x 27 =	815 ÷ 16 =		

Three Things to Remember					
Attack Strategies					

Additive Word Problems

	//ddicite troid i l'obicilio			
Graphic organizer				
Equation				
		Lesser unknown	Change unknown	Change unknown
Examples	Part unknown	Greater unknown	Start unknown	Start unknown
	Total unknown	Difference unknown	End unknown	End unknown
Definition				
Problem type	Total	Difference	Change (increase)	Change (decrease)

Additive Word Problems

B. A banana farm received a total of 12 millimeters of rain in March and April. If 11 millimeters of rain
fell on the farm in March, how many millimeters of rain fell on the farm in April?
D. Farmer Hank has 6 more cows than horses. He has 4 horses. He also has 9 chickens. How many cows does he have?

Additive Word Problems E. F. A bus had 13 passengers. At the next stop, more Martina had some money. Then, she spent \$42 on passengers got on the bus. Now, there are 28 a sweater. Now, she has \$13. How much money passengers. How many passengers got on the did she have to start with? bus?

Multiplicative Word Problems

Multiplicative Word Froblems				
Graphic organizer				
Equation				
Examples				
Definition				
Problem type	Equal Groups	Comparison	Combinations	Ratios and Proportions

Multiplicative Word Problems			
A. Ms. Thompson sold 6 cartons of cherries at the Farmers' Market. Each carton holds 25 cherries. How many cherries did she sell?	B. Jane bought 24 light bulbs. The light bulbs come in packs of 4. How many packs of light blubs did Jane buy?		
C. Isabella has 2 times as many DVDs as Emma. Emma has 6 DVDs. How many DVDs does Isabella have?	D. There are 176 slices of bread in 8 loaves. If there are the same number of slices in each loaf, how many slices of bread are in 5 loaves?		

Multiplicative Word Problems

E. A sea turtle made 460 dives in 12 hours. At this rate, how many dives did the sea turtle make in 3 hours?	F. Yvette correctly answers 85% of the total questions on her science test. She correctly answers 34 questions. What was the total number of questions on Yvette's science test?
G. A crocodile is 18 feet long. An alligator is 3/4 of that length. How long is the alligator?	H. Susan has 3 times as many books as Mary. Mary has 18 books. Which equation can be solved to figure out how many books Susan has?