

Structure

- ▶ Independent Rotation
- ▶ System in Place - Management
- ▶ Intentional Organization
- ▶ Single Task vs. Multiple Task
- ▶ Student Accountability
- ▶ Pre-Teaching



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Station Activities

- ▶ Begin with the End in Mind
- ▶ Aligned to CCSS
- ▶ Standards for Mathematical Practice
- ▶ Demonstrate Independence
- ▶ Develop Conceptual Understanding
- ▶ Create Context and Application
- ▶ Build Fluency

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Pre-Teach

- ▶ Fraction Comparison

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Comparison

- ▶ Distance to Zero
- ▶ Common Denominators
- ▶ Common Numerators
- ▶ Distance to One
- ▶ Benchmark to $\frac{1}{2}$ and to One
- ▶ Distance to $\frac{1}{2}$



Things you should know:

- ▶ Accountability sheets located in the station tub
- ▶ Manipulatives available
- ▶ Communities for students to work collaboratively

Station Checklist			Name: _____
Task #1	Task #2	Task #3	
<input type="checkbox"/>			Using Unit Fractions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Area
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sets
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Comparison
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Problem Solving 1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Problem Solving 2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Teacher Station

Stations

- ▶ Using Unit Fractions
- ▶ Sets
- ▶ Area
- ▶ Comparison
- ▶ Problem Solving 1
- ▶ Problem Solving 2



Reflection & Questions

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- ▶ www.facebook.com/theintentionaleducator
- ▶ Today's Blackline Masters and Presentation
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Reflection



My learning from
this morning is
like.... Because...

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Learning Stations

for Math

Learn More Here



<http://essdk.me/MathStation>

Name:

Station Checklist

Task #1

Task #2

Task #3

Using Unit Fractions

Area

Sets

Comparison


Problem Solving 1

Problem Solving 2

Teacher Station

Notes:

Using Unit Fractions - Answers

#1 $\frac{1}{3}$	#5 $\frac{1}{2}$	#7 $\frac{1}{6}$	#8 $\frac{5}{8}$
#9 $\frac{1}{2}$ or $\frac{4}{8}$	#10 $\frac{3}{6}$ & $\frac{1}{2}$	#14 	#17 $\frac{3}{4}$

Area - Answers

#1 - 1 triangle		#3 - 2 triangles	
#5 - 3 wholes	#7 - 6 wholes	#9 - 1½ wholes	#10 - 3 wholes
#11 - 3 triangles	#12 - 9 triangles	#17 - 5 triangles	#19 - 4 triangles
#20 - 11 triangles	#21 - 6 triangles	#22 - 4 triangles	#23 - 16 triangles

Sets - Answers

#1 - 4					
#2 - 12	#5 - 20	#7 - 5	#8 - 9	#11 - 21	#14 - 40
#16 - 28	#18 - 12	#19 - 44	#20 - 18	#21 - 35	#25 - 3
#26 - 3	#27 - 6	#28 - 6	#29 - 6	#30 - 8	#35 - 12

Comparison - Answers

#2 $\frac{5}{7}$	#12 $\frac{8}{9}$	#15 $\frac{9}{16}$	#23 $\frac{4}{10}$	#26 $\frac{1}{3}$	#28 $\frac{3}{8}$	#29 $\frac{4}{10}$	#35 <
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Problem Solving 1 - Answers

#3 $\frac{42}{100}$ or $\frac{21}{50}$ inch of rain	#11 $\frac{31}{24}$ or $1\frac{7}{24}$ pizza	#17 $4\frac{23}{24}$ yards
#22 $2\frac{1}{3}$ pounds of cherries	#27 $\frac{4}{10}$ or $\frac{2}{5}$ of the class went to the evening movie	#32 $4\frac{1}{4}$ hours less

Problem Solving 2 - Answers

#1 3 cans of root beer		
#3 15 cream filled chocolates	#12 Brianna's swimming pool area would be 1/2 the size of Raquel's	#14 The first product is 3 times larger or the second product is 1/3 the first.
#15 less than 2 square meters	#17 more than 4 square meters	#20 $36\frac{3}{4}$ cards
#26 $\frac{1}{10}$ stories and labels will vary	#27 80 stories and labels will vary	#28 7 bows