

7 + ' !

* +

#

\$ ' 3 \$ =	& 2 1
. ' # #	2 A
	o 6
	o 6 @ '
)	
	4

% -
1 "# # " #2
2 6# 7 ")

" & +
1 " % " #

+
1 " " #

+2) 3
1 " " #)")"

+ % -'
 -
1 " " "

' > '+ ' &
 1 % " " %

Name _____ Date _____

Mid-Unit Check 1

one-third of the triangles	one-third of the area of the triangle
----------------------------	---------------------------------------

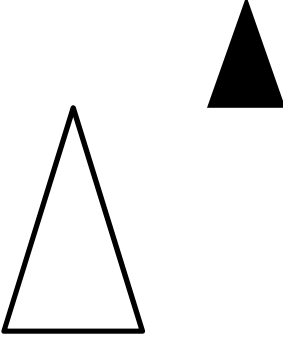
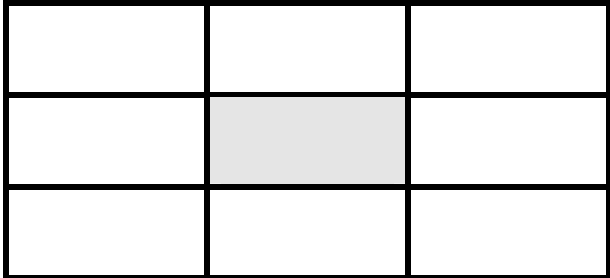
Name _____ Date _____

Mid-Unit Check 2

Sandra ran a race during track and field. The point on the line shows how far she ran. If the race is one mile long, how

Assessment Key

Mid-Unit Check 1

<p>one-third of the triangles</p> 	<p>one-third of the area of the triangle</p>
<p>the arrow is pointing at one-third</p>	<p>one-third of the area of the rectangle</p> 

- Circle each diagram above that shows $\frac{1}{3}$.
- Choose one of the diagrams that you circled. Say how you know this diagram shows $\frac{1}{3}$.
 - The number line shows $\frac{1}{3}$ because the whole is cut into 3 equal pieces and the arrow is pointing to the first section of that whole.
 - The rectangle is divided into 9 equal pieces and 3 parts shaded are equal to 3 of those parts (two triangles make one of the smaller regular parts). $\frac{3}{9}$ is equivalent to $\frac{1}{3}$.
- Choose one of the diagrams that you did not circle. Say how you know this diagram does not show $\frac{1}{3}$.
 - The triangles are a set of 2 and only 1 part is shaded so it shows $\frac{1}{2}$ not $\frac{1}{3}$.
 - The triangle with the circles inside does not show $\frac{1}{3}$ because even though the triangle is broken into three parts each part is equal; therefore the black area is not $\frac{1}{3}$ of the total area.

Assessment Key

Mid-Unit Check 2

Sandra ran a race during track and field. The point on the line shows how far she ran. If the race is one mile long, how many miles did she run?

She ran _____ .



Name_____ Date_____

Third Grade – Module 3

Candy Bars for Friends

Name _____ Date _____

Part Two:

4. Which is more, $\frac{1}{2}$ or $\frac{1}{4}$ of a candy bar?

Show your work and explain your answer.

5. a. Ana's mother changed her mind and said that Ana and Sarah should have the same amount of candy as Sarah. How much more of candy should Ana need to take?

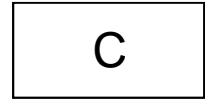
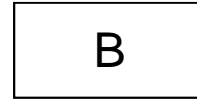
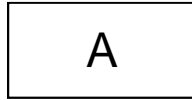
Show your work.

5. b. Ana's mother told her that $\frac{1}{2}$ equals $\frac{2}{4}$. Explain why this is true.

Part Three:

The next week, Sarah bought more candy bars to share with her friends. All three candy bars are equal in size.

- Sarah has $\frac{1}{6}$ of candy bar A.
- Ana has $\frac{3}{4}$ of candy bar B.
- John has $\frac{1}{2}$ of candy bar C.



6. Draw a picture to represent what part of the candy each person got.

7. a. Out of Sarah, Ana, and John, who has the largest part?
Show your work.

b. Who has the smallest part?
Show your work.

c. Show where each part is represented on a number

0

1

Performance Task

8. Sarah's mother gets the remaining part of candy bar A

a. How much of candy bar A will she get?

Show your work.

b. Who will have the largest part of the candy bar Sarah, Ana, John, or Sarah's mother?

Show your work and explain how you know.

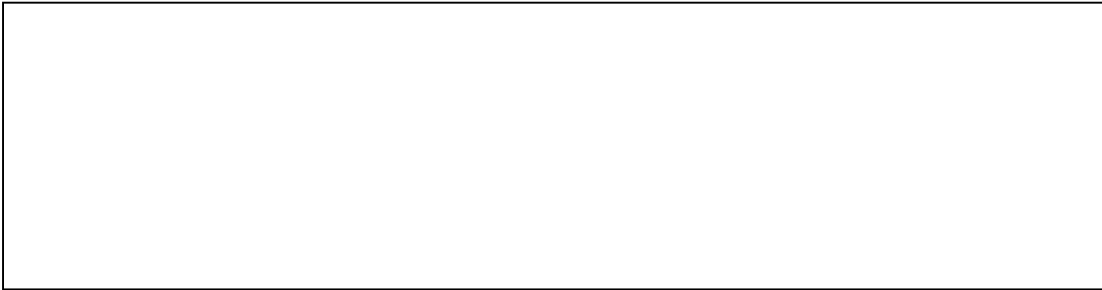
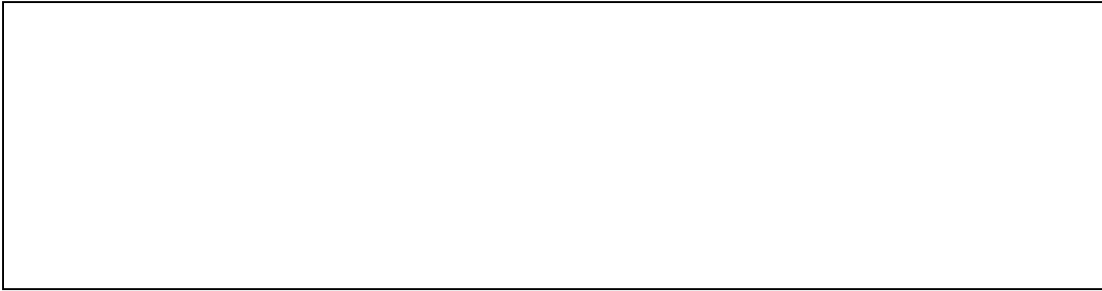
c. Show where each part is represented on the number line, including Sarah's mother.

0

1

Name _____ Date _____

Candy Bar Models



Rubric

Candy Bars for Friends Credit for specific aspects of performance should be given as follows:	Points	Total Points
--	--------	-----------------

1.

<p>6. Solutions must include:</p> <ul style="list-style-type: none"> · Candy bar A represented correctly · Candy bar B represented correctly · Candy bar C represented correctly 	<p>1 point 1 point 1 point</p>	<p>3 points</p>
<p>7. Solutions must include:</p> <p>a. Ana has the largest part Correct representation of work</p> <p>b. Sara has the smallest part Correct representation of work</p> <p>c. Candy bar A represented correctly on the number line Candy bar B represented correctly on the number line Candy bar C represented correctly on the number line</p>	<p>1 point 1 point</p> <p>1 point 1 point</p> <p>1 point 1 point 1 point</p>	<p>7 points</p>
<p>8. Performance Task</p> <p>Solutions must include:</p> <p>a. Sarah's mother will get $\frac{5}{6}$ of candy bar A. Correct representation of work.</p> <p>b. Sarah's mother will have the largest part. Correct representation of work (Possible explanation): I drew a picture of each person's part of the candy bar and compared sizes. (Possible explanation): I folded paper to represent each person's candy bar and compared sizes. (Possible explanation): I used the number 12 as the least common denominator when comparing sizes.</p> <p>b. Candy bar A represented correctly on the number line Candy bar B represented correctly on the number line Candy bar C represented correctly on the number line Sarah's mother's candy bar represented correctly on the number line</p>	<p>1 point 1 point</p> <p>1 point 1 point</p> <p>1 point 1 point 1 point 1 point</p>	<p>8 points</p>
	<p>Total Points</p>	<p>30 points</p>