

Name: _____

Date: _____

Period: _____

3.3 Adding and Subtracting Decimals In-class Assessment

1) Use front-end estimation to **estimate** each sum or difference, then **calculate** each sum or difference.

a) $2.876 - 0.975$		b) $71.382 + 6.357$	
Estimate: (Approximate)	Calculate: (Exact)	Estimate: (Approximate)	Calculate: (Exact)
c) $125.12 + 37.84$		d) $9.7 - 1.36$	
Estimate: (Approximate)	Calculate: (Exact)	Estimate: (Approximate)	Calculate: (Exact)

2) A baker wants to make 3 different kinds of chocolate chip cookies. The recipes call for 2.75 kg, 4.4 kg, and 5.55 kg of chocolate chips. The baker has 10.5 kg of chocolate chips.

<p>a) How many kilograms of chocolate chips does the baker need in total? Estimate to check your answer is reasonable.</p>	<p>b) Does the baker have enough chocolate chips to make the cookies? How do you know?</p>
<p>c) The baker wants to follow the recipes exactly.</p> <p>If your answer to part b is no, how many more kilograms of chocolate chips are needed?</p> <p>If your answer to part b is yes, how many kilograms of chocolate chips will be left over?</p>	

