STUDENT MATERIALS

PART 1: REALLY RATIONAL PROBLEMS

1. Nesara needs to make 6 batches of peanut butter cookies for her school's bake sale to raise money for field trips. The recipe she has for one batch of cookies requires $1\frac{1}{2}$ cups of all-purpose flour. How many cups of flour will she need to make all 6 batches?

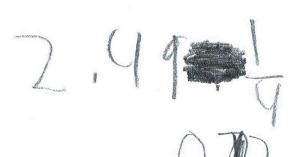


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2. Nesara paid \$3.99 for the bag of flour. The bag has 18 cups of flour. To the nearest cent, how much is she paying for the flour that she used in her 6 batches of cookies?

(9:18):3.99 \$1.99 \$

3. Maya is helping Nesara make the cookies and volunteered to bring the brown sugar. The recipe calls for $\frac{1}{2}$ cup per batch. The bag of brown sugar has 4 cups and costs \$2.49. To the nearest cent, how much did she pay for the brown sugar they used for the 6 batches of cookies?



1.77





PART 2: BEYOND REALLY RATIONAL PROBLEMS

4. Alia wants to make another 6 batches using the same recipe that Nesara used. Nesara tells Alia that they had \$10 to spend in total. She already paid \$3.99 for the bag of flour and Maya paid \$2.49 for the brown sugar. Alia needs to purchase flour and brown sugar but has the rest of the ingredients already at home. Since they have already spent part of the \$10, which items do you think she should purchase with the remaining money she has left over? Justify your thinking.

Peanut Butter (recipe uses 1 cup per batch)	\$2.29 per jar (≈3.25 cups)
Baking Powder (recipe uses 0.75 tsp per batch)	\$2.69 per can (≈47 tsps.)
Vanilla Extract (recipe uses 1 tsp per batch)	\$1.99 per bottle (≈12 tsps.)

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