



Strawberry-Banana Smoothies

General Instructions:

This Task has three Parts: **Part 1** has one question; **Part 2** has two questions and **Part 3** has three questions.



Shawna is preparing for her monthly family get-together. She has decided to contribute by making her signature Strawberry-Banana smoothies. She needs to figure out the amount of ingredients to get and then how many cups to divide the smoothies into before she can make the smoothies.

For each smoothie, Shawna blends:

- ✓ $\frac{1}{2}$ cup of low-fat yogurt
- ✓ $\frac{3}{5}$ cup milk
- ✓ $2\frac{3}{7}$ cups of bananas
- ✓ $\frac{7}{10}$ cup of strawberries and
- ✓ $3\frac{1}{8}$ cups of ice



Part 1

1. If Shawna wanted to make her little brother Ordie a smoothie that is $\frac{3}{4}$ the size of the regular smoothie. How many cups of yogurt should Shawna use to make her brother's smoothie? Show working.

Part 2

Answer the questions below. Explain clearly how you arrive at your answer.

2. Kerry-Kay, Kerriann and Raheem are Shawna's friends. They love her smoothies and each of them wants a double smoothie. What are the total cups of strawberries that Shawna will use to make all three double smoothies?



3. Shawna decided to make her Aunt Jessy and her husband a large smoothie to share between themselves. She wants to make the smoothie $2\frac{2}{4}$ times the size of her normal recipe. How many cups of strawberries will she need for this smoothie?

Part 3

4. If Shawna started with 28 cups of milk. How many smoothies can she make with this amount of milk?



5. Shawna's little cousin, Bella, wants a small smoothie. She used $\frac{6}{13}$ cup of yogurt. What is the reciprocal of $\frac{6}{13}$ written in its simplest form?

6. Shawna starts with $30\frac{7}{9}$ cups of ice. How many smoothies can she make with this amount ice?