Paige is trying to make the perfect pumpkin smoothie using the recipe shown.

Pumpkin Smoothie Recipe	
1 banana $\left(\frac{3}{4} \text{ cup}\right)$	$\frac{2}{3}$ cup pumpkin puree
$\frac{1}{2}$ cup milk	$\frac{1}{2}$ cup vanilla yogurt
1 cup ice	2 teaspoons pumpkin pie spice

(a) What ingredients can Paige increase to make the smoothie more pumpkin-y?
Less pumpkin-y?

(b) How pumpkin-y are Paige's smoothies if she follows the recipe? Write a unit rate
to represent the amount of pumpkin-y ingredients per cup of smoothie.
(Hint: There are 48 teaspoons in a cup.)

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(a) What ingredients can Paige increase to make the smoothie more pumpkin-y? Less pumpkin-y?

More pumpkin-*y*: pumpkin pie spice and pumpkin puree
Less pumpkin-*y*: banana, milk, ice, vanilla yogurt

(b) How pumpkin-y are Paige's smoothies if she follows the recipe? Write a unit rate to represent the amount of pumpkin-y ingredients per cup of smoothie. (Hint: There are 48 teaspoons in a cup.)

The number of cups of smoothie the recipe makes is $\frac{3}{4} + \frac{1}{2} + 1 + \frac{2}{3} + \frac{1}{2} + \frac{1}{24} = 3\frac{11}{24}$.

The total of pumpkin puree and pumpkin pie spice is $\frac{2}{3} + \frac{1}{24}$, or $\frac{17}{24}$ cup.

The ratio of pumpkin-y ingredients to cups of smoothie is $\dfrac{\frac{17}{24}}{3\frac{11}{24}}$.

This is $\dfrac{\frac{17}{24}}{\frac{83}{24}}$, or $\frac{17}{83}$, cup of pumpkin-y ingredients per cup of smoothie, or about 0.2 cup of pumpkin-y ingredients per cup of smoothie.