

Name: _____

Mixing Drinks Worksheet #1

When Sam and his friends get together, Sam makes a fizzy orange drink by mixing orange juice with soda.

On Friday, Sam makes 7 liters of fizzy orange by mixing 3 liters of orange juice with 4 liters of soda.

On Saturday, Sam makes 9 liters of fizzy orange by mixing 4 liters of orange juice with 5 liters of soda.



1. Does the fizzy orange on Saturday taste the same as Friday's fizzy orange, or different?

If you think it tastes the same, explain how you can tell.

If you think it tastes different, does it taste more or less orangey? Explain how you know.

2. On Sunday, Sam wants to make 5 liters of fizzy orange that tastes *slightly* less orangey than Friday's and Saturday's fizzy orange. For every liter of orange, how many liters of soda should be added to the mixture? Explain your reasoning.
