Reasoning with Ratios: Full and Half-full Glasses

The glasses on the left and right are filled with apple juice and have the same taste.

 

If a spoonful of apple juice concentrate is added to both glasses, which glass will contain the stronger apple taste? Explain your reasoning.

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The glasses on the left and right are filled an equal amount with apple juice. However, the left glass has a stronger apple taste than the right.

 

If a spoonful of apple juice concentrate is added to both glasses, which glass will contain the stronger apple taste? Explain your reasoning.

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The glasses on the left and right are filled with different amounts with apple juice. Additionally, the left glass has a stronger apple taste than the right.

 

If a spoonful of apple juice concentrate is added to both glasses, which glass will contain the stronger apple taste? Explain your reasoning.

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The glasses on the left and right are filled with different amounts with apple juice. Additionally, the left glass has a stronger apple taste than the right.

 

If a spoonful of apple juice concentrate is added to the left glass, and water is added to the right glass, which glass will contain the stronger apple taste? Explain your reasoning.

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The glasses on the left and right are filled an equal amount with apple juice. However, the right glass has a stronger apple taste than the right.

 

If a spoonful of apple juice concentrate is added to the left glass, and water is added to the right glass, which glass will contain the stronger apple taste? Explain your reasoning.

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