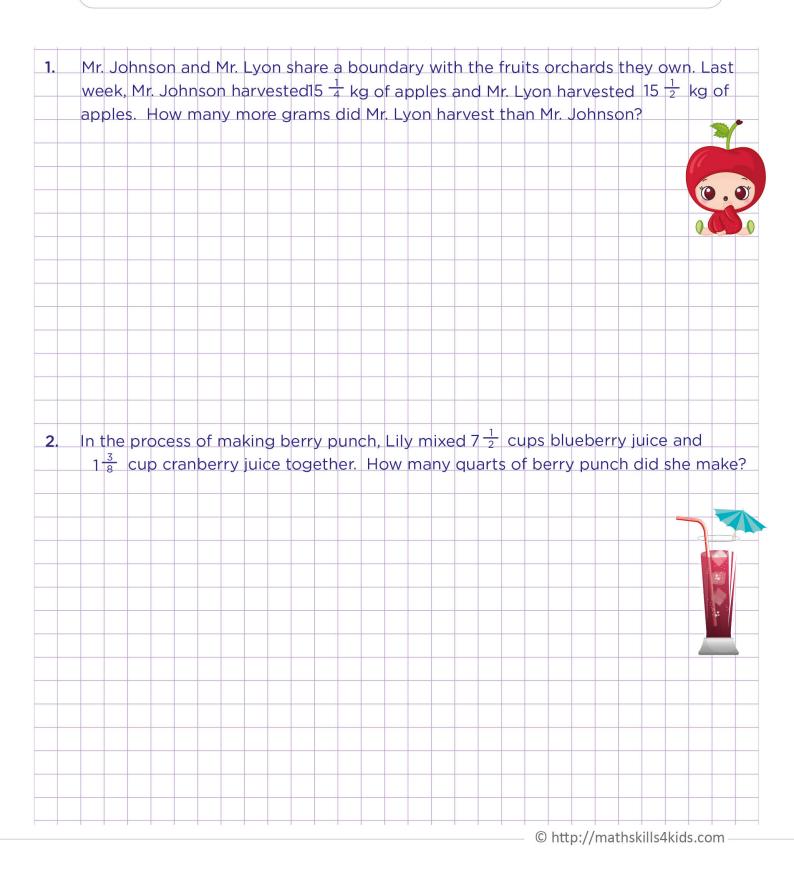


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Add and subtract mixed numbers with unlike denominators word problems







Name: Class:

Add and subtract mixed numbers with unlike denominators word problems

	week, Mr. Johnson harvested $15 \pm kg$ of apples and Mr. Lyon harvested $15 \pm kg$ apples. How many more grams did Mr. Lyon harvest than Mr. Johnson?	
_	Let's write down the given information	
	Quantity of apples Mr. Johnson harvested = $15 \frac{1}{4}$.)
	Quantity of apples Mr. Lyon harvestd = $15\frac{1}{2}$	S
	So, quantity Mr. Iyon harvested more than Mr Johnson = $15\frac{1}{2} - 15\frac{1}{4}$	
	15 1/2 - 15 1/4 But we know that,	
	15 $\frac{1}{2}$ - 15 $\frac{1}{4}$ But we know that, (15-15) 2 - 1 $=$ $\frac{1}{4}$ kg 1 kg = 1000g	
	4 4 So, $\frac{1}{4}$ kg = 1000 x $\frac{1}{4}$ g = $\frac{1000}{4}$ g = 250g.	
_	4	
	Therefore, Mr. Lyon harvested 250 more grams of apples than Mr. Johnson.	
2.	In the process of making berry punch, Lily mixed $7\frac{1}{2}$ cups blueberry juice and	
	$1\frac{3}{8}$ cup cranberry juice together. How many quarts of berry punch did she m	ake?
	$1\frac{3}{8}$ cup cranberry juice together. How many quarts of berry punch did she m	ake?
	1 3/8 cup cranberry juice together. How many quarts of berry punch did she m Let's write down the given information.	ake?
	$1\frac{3}{8}$ cup cranberry juice together. How many quarts of berry punch did she m Let's write down the given information. Amount of bleuberry juice mixed = $7\frac{1}{2}$	ake?
	$1\frac{3}{8}$ cup cranberry juice together. How many quarts of berry punch did she m Let's write down the given information. Amount of bleuberry juice mixed = $7\frac{1}{2}$ Amount of cranberry juice mixed = $1\frac{3}{8}$	ake?
	$1\frac{3}{8}$ cup cranberry juice together. How many quarts of berry punch did she m Let's write down the given information. Amount of bleuberry juice mixed = $7\frac{1}{2}$ Amount of cranberry juice mixed = $1\frac{3}{8}$ So, amount mixed altogether = $7\frac{1}{2} + 1\frac{3}{8}$	ake?
	$1\frac{3}{8}$ cup cranberry juice together. How many quarts of berry punch did she m Let's write down the given information. Amount of bleuberry juice mixed = $7\frac{1}{2}$ Amount of cranberry juice mixed = $1\frac{3}{8}$ So, amount mixed altogether = $7\frac{1}{2} + 1\frac{3}{8}$ But we know that,	ake?
	$1\frac{3}{8}$ cup cranberry juice together. How many quarts of berry punch did she m Let's write down the given information. Amount of bleuberry juice mixed = $7\frac{1}{2}$ Amount of cranberry juice mixed = $1\frac{3}{8}$ So, amount mixed altogether = $7\frac{1}{2} + 1\frac{3}{8}$ $7\frac{1}{2} + 1\frac{3}{8}$ But we know that, $(7+1)$ 4 + 3 = $8\frac{7}{8}$ cups 4 cups = 1 quarts	ake?
	$1\frac{3}{8}$ cup cranberry juice together. How many quarts of berry punch did she m Let's write down the given information. Amount of bleuberry juice mixed = $7\frac{1}{2}$ Amount of cranberry juice mixed = $1\frac{3}{8}$ So, amount mixed altogether = $7\frac{1}{2} + 1\frac{3}{8}$ But we know that,	ake?
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	$1\frac{3}{8} \text{ cup cranberry juice together. How many quarts of berry punch did she m}$ Let's write down the given information. Amount of bleuberry juice mixed = $7\frac{1}{2}$ Amount of cranberry juice mixed = $1\frac{3}{8}$ So, amount mixed altogether = $7\frac{1}{2}$ + $1\frac{3}{8}$ $7\frac{1}{2}$ + $1\frac{3}{8}$ But we know that, $7\frac{1}{2}$ + $1\frac{3}{8}$ But we know that, $7\frac{1}{4}$ + 3 = $8\frac{7}{8}$ cups = 4 cups = 1 quarts	ake?
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