



1) Ethan, Ibrahim, Kaylee and Shola are packing their suitcases for their holidays. Use the clues to work out who each suitcase belongs to.

28 lbs	$2\frac{1}{2}$ stone	$2\frac{3}{4}$ stone	32 lbs
Name: _____	Name: _____	Name: _____	Name: _____

Remember that 1 stone = 14 pounds.



Kaylee's suitcase has the greatest mass.



Ethan's suitcase has the smallest mass.







Ibrahim's suitcase is heavier than Shola's suitcase.



2) Ethan, Ibrahim, Kaylee and Shola are making fruit cocktails by choosing two of these different ingredients.

Remember:  
1 gallon = 8 pints  
1 pint ≈ 570ml

<b>Grapefruit</b> 	<b>Orange</b> 	<b>Pineapple</b> 	<b>Mango</b> 
$\frac{1}{4}$ gallon = _____ pints ≈ _____ ml	$1\frac{1}{2}$ pints ≈ _____ ml	$\frac{1}{2}$ gallon = _____ pints ≈ _____ ml	$\frac{4}{5}$ pints ≈ _____ ml

- a) Use the conversion information to complete the table.
- b) Find the volume, in litres, of all the possible fruit juice pair combinations they can add to their mixing bowl.  
Example:

grapefruit + orange = \_\_\_\_\_