Doves

Year 1 week 3

Monday 13th June

To be able to compare capacity

Success criteria:

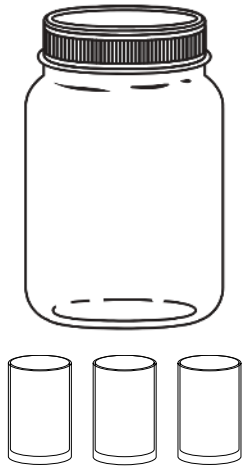
- ✓ I can compare the capacity of different containers using terms like “more than”, “less than” and “equal to” as well as using the comparison symbols (<, > and =)
- ✓ I can explain my reasoning when comparing capacity.

Can you remember what capacity means?

To be able to compare capacity

Starter:

Which one is the odd one out?

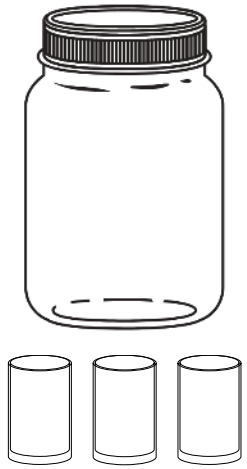


How do you know?.

To be able to compare capacity

Starter:

Which one is the odd one out?



The bucket is as it is has a capacity of five glasses,but the jar and jug each have a capacity of three glasses.

To be able to compare capacity

Activity 1:

Each time, select two, then three, then four different containers.

Fill each container with sand or water using the same smaller container, for example, a ladle.

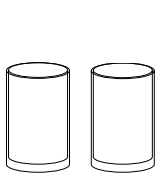
Order the containers using from largest capacity to smallest capacity.

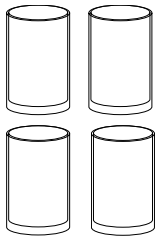
What have you found out?

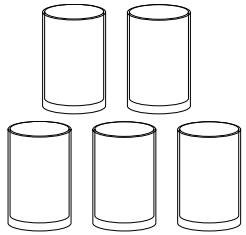
To be able to compare capacity

Talking Time:

Use the correct comparison symbol (<, > and =) to complete the statements based on the given containers.







bucket ◯ jug

jug ◯ jar

jar ◯ bucket

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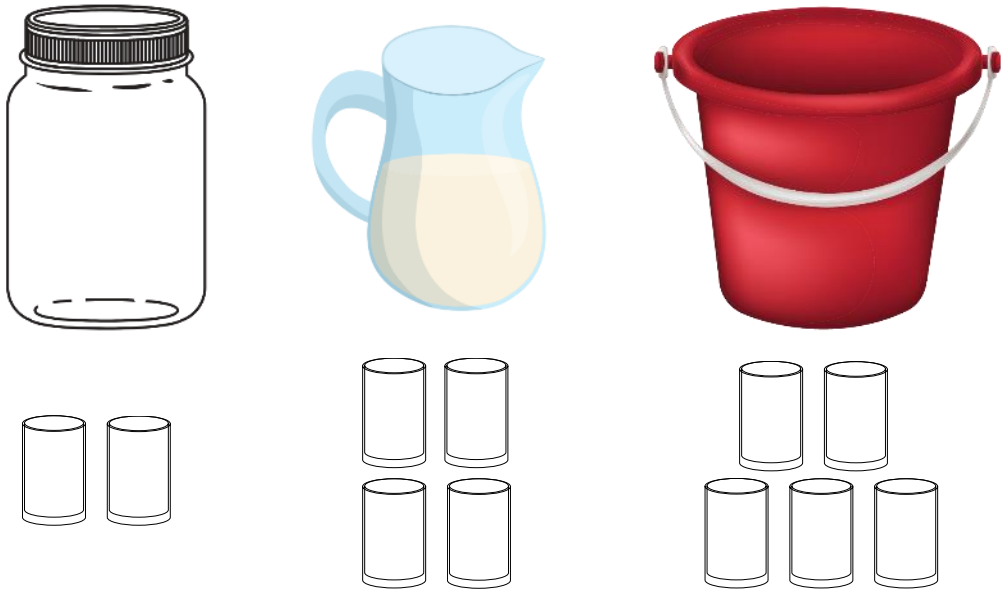
Talking Time:

Use the correct comparison symbol (<, > and =) to complete the statements based on the given containers.



bucket > jug

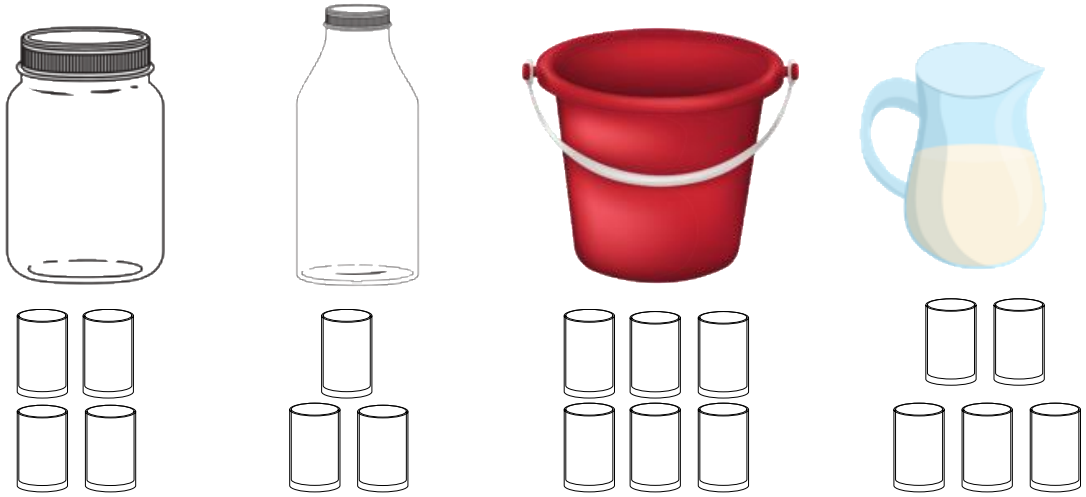
jug > jar

jar < bucket

To be able to compare capacity

Activity 2:

Use the correct comparison symbol (<, > and =) to complete the statements based on the given containers.

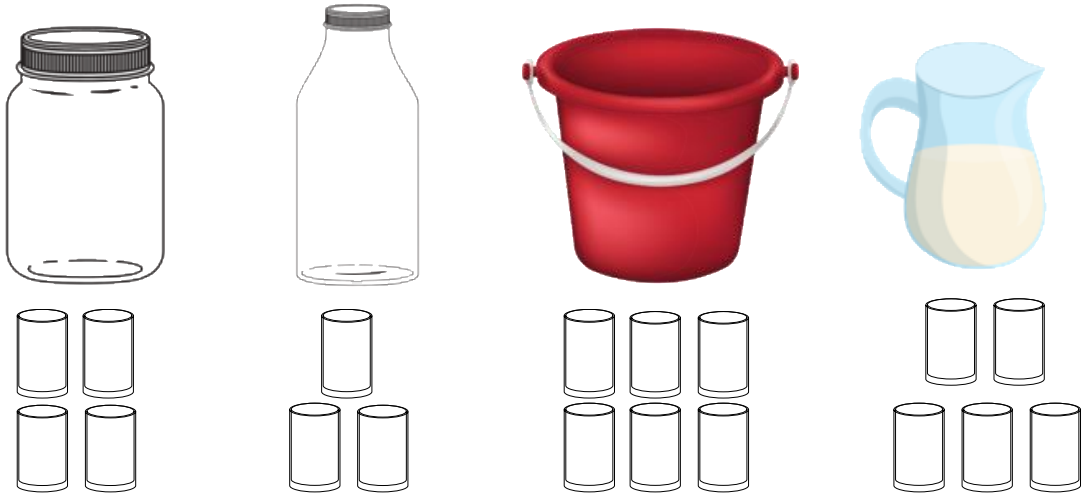


bottle		jar
bucket		jug
jug		jar
jar		bucket

To be able to compare capacity

Activity 2:

Use the correct comparison symbol (<, > and =) to complete the statements based on the given containers.



bottle < jar

bucket > jug

jug > jar

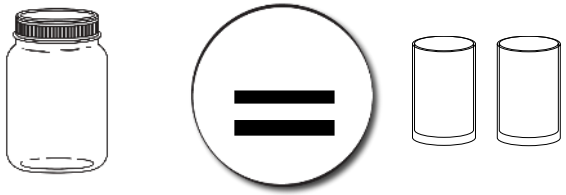
jar < bucket

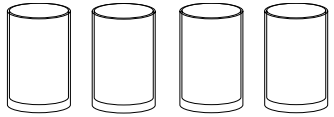
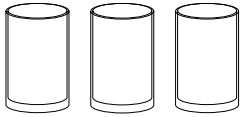
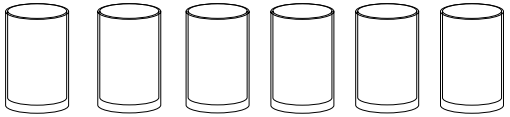
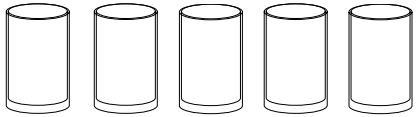
To be able to compare capacity

Remember one jar has the same capacity as 2 glasses

Talking Time:

If one jar holds two glasses, shade in the picture that shows the greatest capacity in each row in the table below.

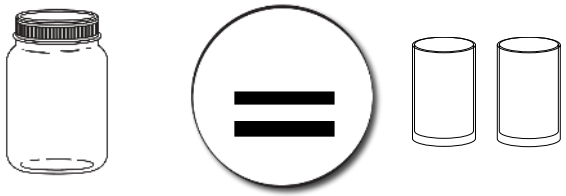


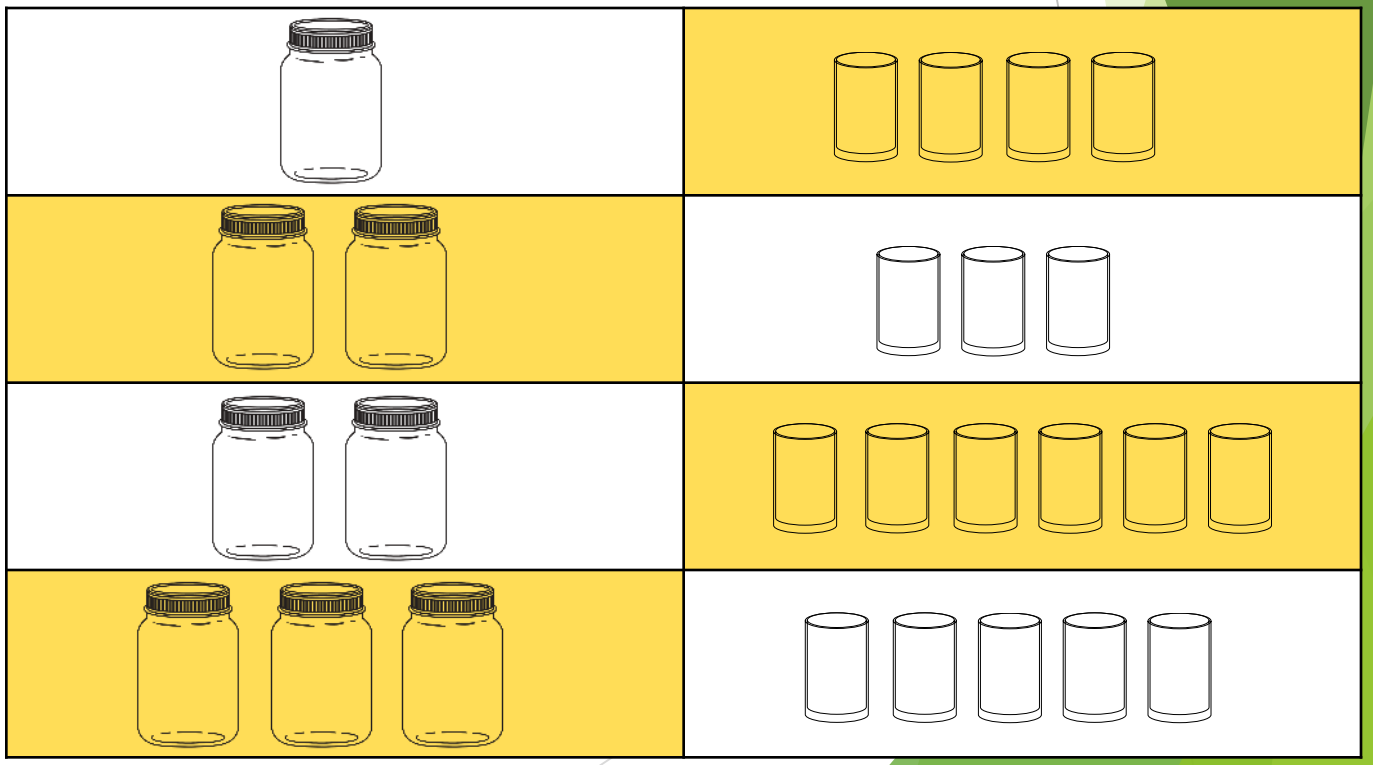
	
	
	
	

To be able to compare capacity

Talking Time:

If one jar holds two glasses, shade in the cell that shows the greatest capacity in each row in the table below.

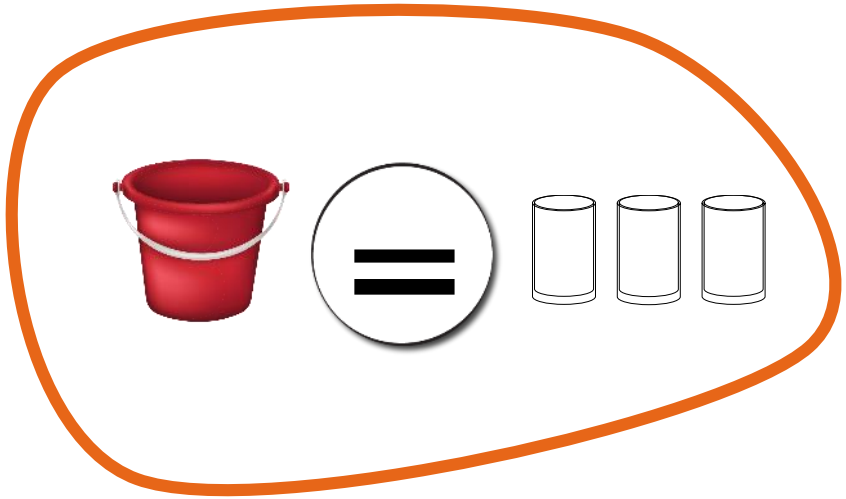


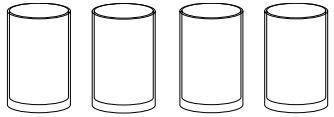
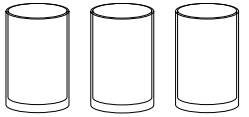
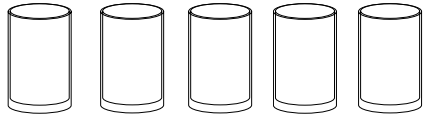
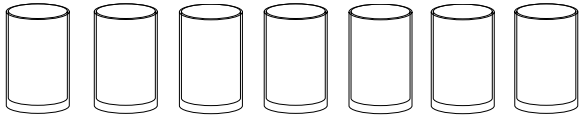


To be able to compare capacity

Activity 3:

If one bucket holds three glasses, shade in the cell that shows the greatest capacity in each row in the table below.



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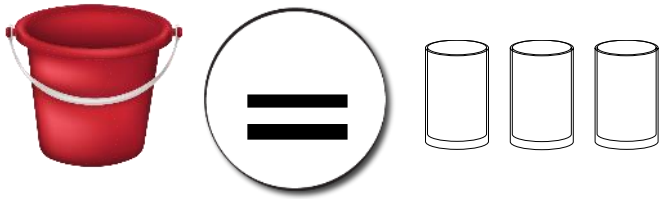
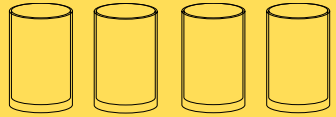
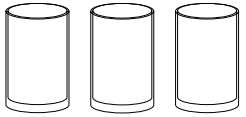
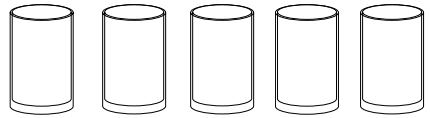
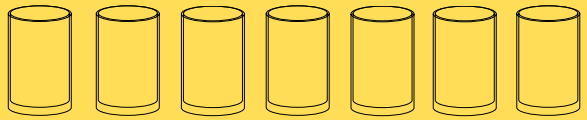
Activity 3:

If one bucket holds three glasses, shade in the cell that shows the greatest capacity in each row in the table below.



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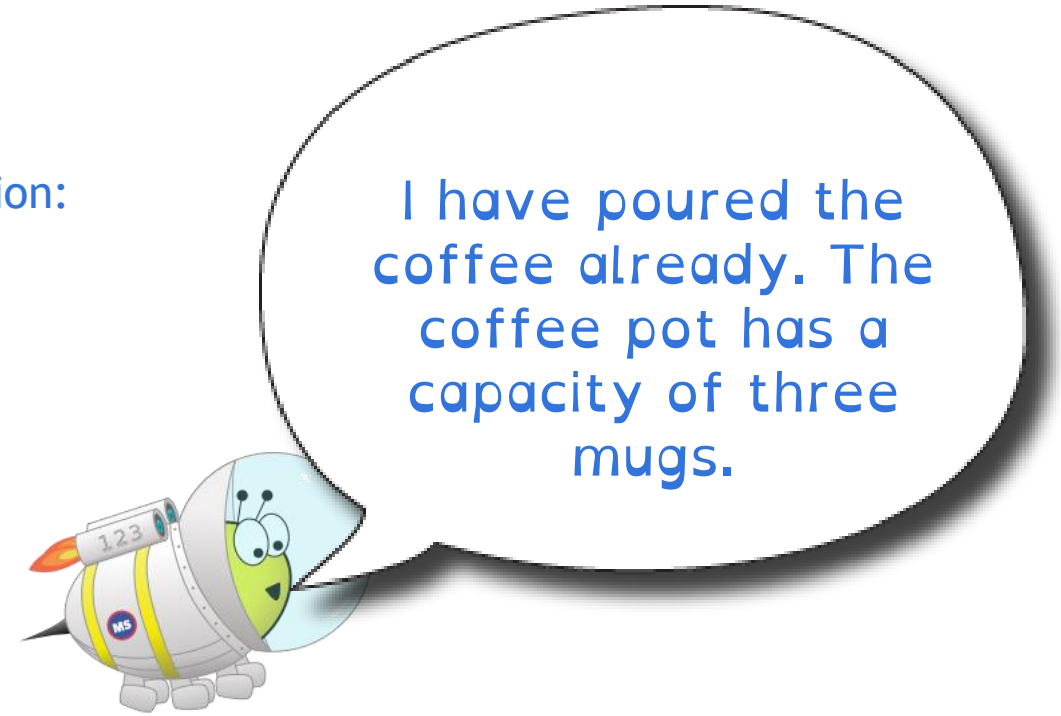
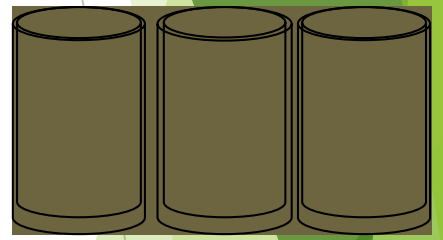
Evaluation:



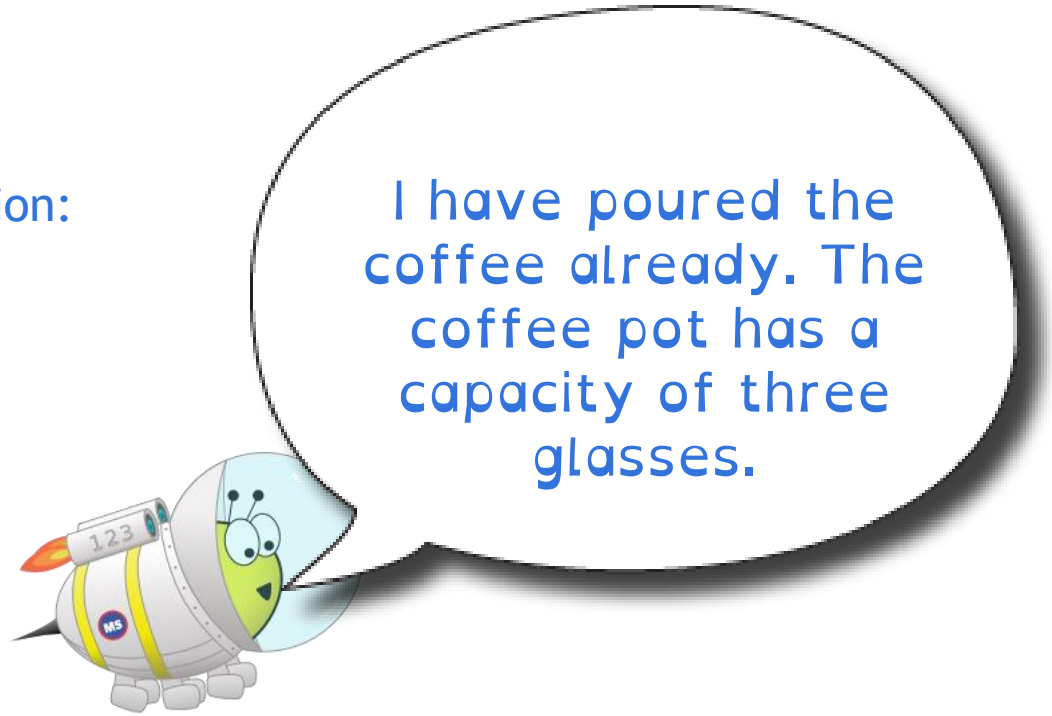


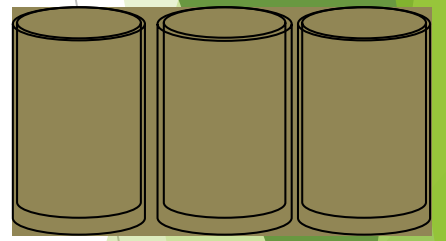
Is Astrobee's statement true or false?

Explain your answer.

To be able to compare capacity

Evaluation:



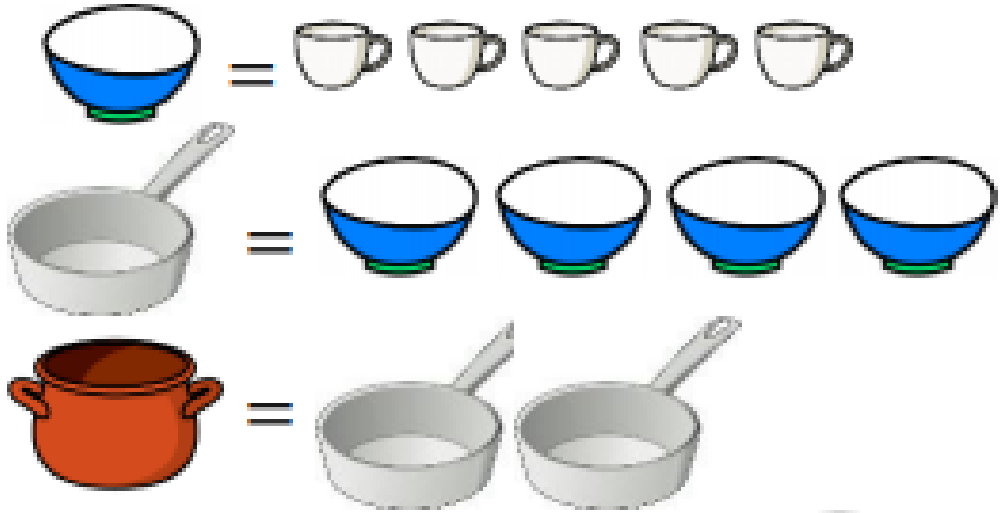


Astrobee's statement is false. If Astrobee has poured three glasses of coffee, then the coffee pot must hold more than three glasses as there is still coffee in the pot.

Challenge time

Whitney had two full bottles of juice.
She poured some juice into two glasses.

Which glass has the most juice in?
Which has the least juice in?
Explain how you know.



How many  does the  hold?

Whitney had two full bottles of juice.
She poured some juice into two glasses.

Which glass has the most juice in?
Which has the least juice in?
Explain how you know.

Glass A has the least juice in and Glass B has more juice in. Bottle A has more juice left over which means it has less juice poured out.

The pot holds 40 cups of water.

Choose a selection of different sized containers.

Decide how you will measure how much liquid each container can hold.

Order your containers from smallest to largest.

Compare the containers using <, > or =

Remember to write into your book what you found out. Maybe you could take a picture and stick it in as well.