

Capacity Challenge Cards



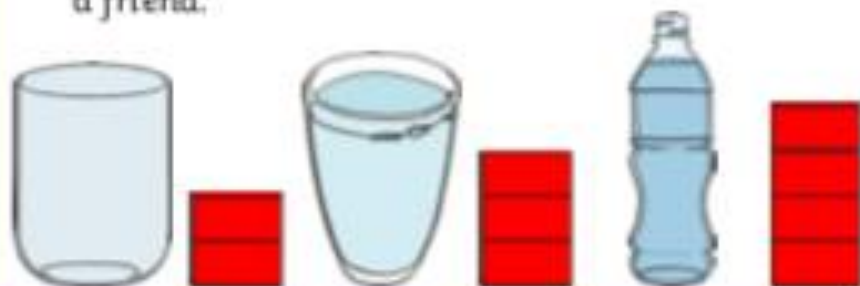
1. Choose 3 containers. Take a cup or a yoghurt pot and find out how many scoops it takes to fill each container. Line your containers up in order from smallest to largest.



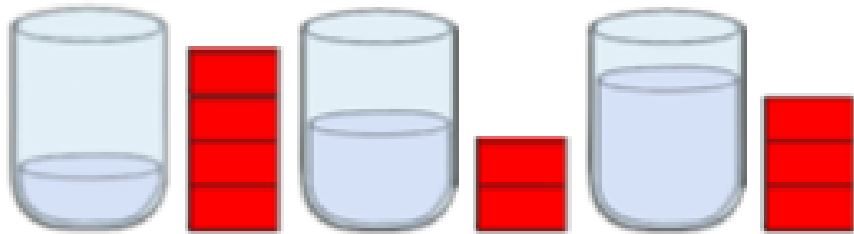
2. I fill my container with 5 cups of water. My friend's container takes 3 more cups to fill. How many cups does it take to fill my friend's container?



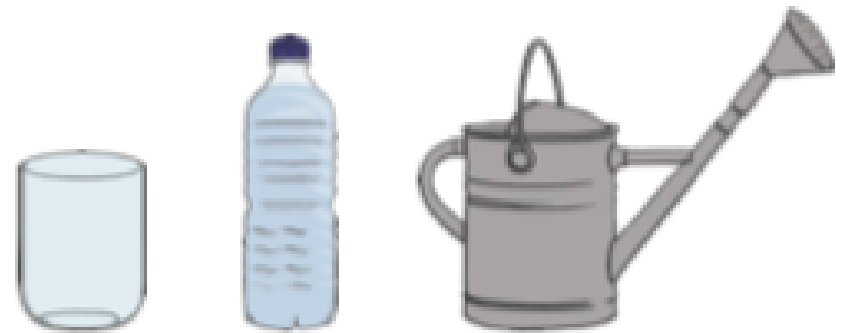
3. I fill some containers. I make a tower of bricks, one brick for each cupful of water I use. Which is the largest container? Which is the second largest? Which is the smallest? Try this with a friend.



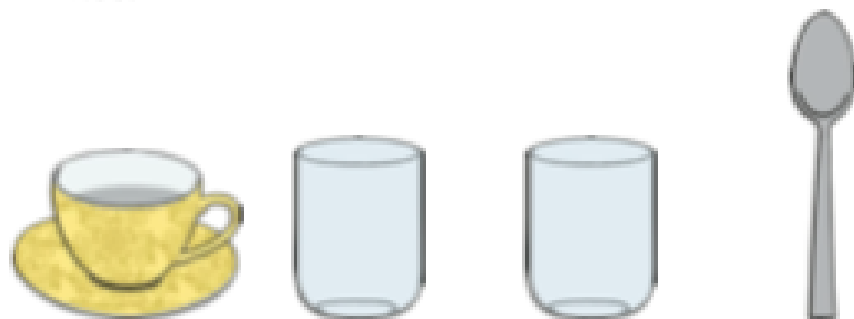
4. I fill some containers. I make a tower of bricks, one brick for each cupful of water I use. Which tower should go next to which container? Try this with a friend.



5. Choose some different containers. Does the tallest container always hold the most water? Why? Why not?



6. Have a race with a friend to fill a container each. One person use a spoon to fill, and the other use a cup. Who is the winner? Is this fair? Why? Why not?



7. Leo and Larry are racing to fill their containers. Who will be the winner? What would you do to make the race fairer?



8. Which of the bottles looks the largest? Which is the largest? Find some bottles with measures on. Can you trick your friends?



9. Which of the jugs is the smallest? Can you find some different jugs and bottles with measurements on?



10. All the bottles contain the same amount of water. Do you agree? Why? Why not?



11. I buy 10 litres of milk. I use half of it. How many litres do I have left?



12. Find 3 different shaped bottles. When you fill them to the same height with water, do they contain the same amount? Explain why or why not.



13. I fill my bottle with 7 cups of water, my friend's takes 2 fewer. How many cups does it take to fill my friend's bottle?



14. I buy 12 litres of milk in 2 litre bottles. How many bottles do I buy?



15. Cola comes in 2l bottles. I buy 7 bottles for my party, how many litres is that?



16. I can fit 100ml of water in a cup. If it takes 7 cups to fill my bottle, how big is my bottle?



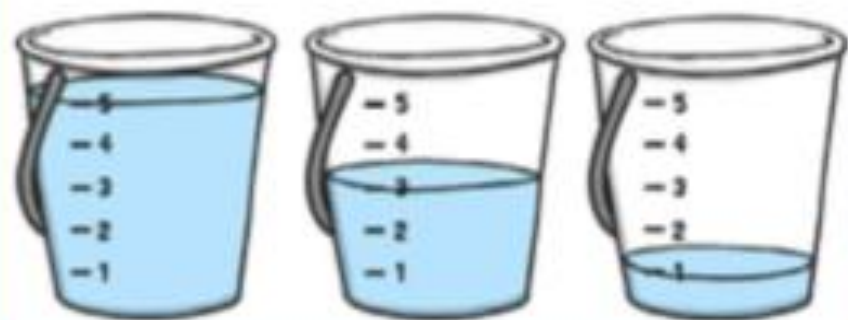
17. My bucket fits 800ml of water. If it has taken 10 cups to fill it, how big is my cup?



18. Can you fill some cups so one is half full, one is less than half full and the other is full?



19. Ellie is on the beach, she is filling buckets from the sea. How would you describe her buckets?



20. I have 4 buckets. One bucket is nearly empty, another is full, one is more than half full and the last one is a quarter full. Can you order my buckets from emptiest to fullest?

almost empty

quarter full

more than half full

full

