Capacity Problems

1. Paul was measuring washing up liquid into containers for each room. Room 1 had 420 centilitres, Room 2 had 5.25 litres and Room 3 had 7500 millilitres. What was the overall total?

2. The football team of 11 players and their substitute each drank a cup of juice containing 28cl. How much did they drink altogether?

3. Sam has a full 3 litre watering can. He has pots needing 250cl,1500ml and 500ml of water. How much more water does he need?

4. Jackie drinks 6 glasses of cola in a week. Each glass contains 24cl. If she drank the same amount next week in a glass holding 30cl, how many full glasses could she have?

5. If 8 children wanted to share 5.8l of drink fairly, how much (in millilitres) would they get each?

6. Every day for a week, Vanessa adds 5300ml water to her new pond. If 300cl is lost to evaporation, how much was in the pond at the end of the week?

7. Julia is playing at the water tank in Nursery. She pours 400cl, 250ml and 2700ml of water in. How much, in litres, has she added?

8. If a car uses 0.85l of petrol when travelling 30 miles, how much petrol will be needed to travel 150 miles. Answer in litres.

9. Team A fills containers with 85cl, 240ml and 56cl of water. Team B manages to collect 91cl, 350ml and 20cl. Which team collected most water and how much more did they collect than the other team?

10. Bill put 0.875l of water into the fish tank, followed by 0.756l the next day and 0.943l on the last day. How many litres are in the tank at the end of the time?

Capacity Problems

1. Paul was measuring washing up liquid into containers for each room. Room 1 had 420 centilitres, Room 2 had 5.25 litres and Room 3 had 7500 millilitres. What was the overall total in millilitres? **16,950ml**

2. The football team of 11 players and their substitute each drank a cup of juice containing 28cl. How much did they drink altogether in litres? **3.36l**

3. Sam has a full 3 litre watering can. He has pots needing 250cl, 1500ml and 500ml of water. How much more water does he need (in litres)? **1.5l**

4. Jackie drinks 6 glasses of cola in a week. Each glass contains 24cl. If she drank the same amount next week in a glass holding 30cl, how many full glasses could she have? **4**

5. If 8 children wanted to share 5.8l of drink fairly, how much (in millilitres) would they get each? **725ml**

6. Every day for a week, Vanessa adds 5300ml water to her new pond. If 300cl is lost to evaporation, how much (in litres) was in the pond at the end of the week? **34.1l**

7. Julia is playing at the water tank in Nursery. She pours 400cl, 250ml and 2700ml of water in. How much, in litres, has she added? **6.95l**

8. If a car uses 0.85l of petrol when travelling 30 miles, how much petrol will be needed to travel 150 miles. Answer in litres. **4.25l**

9. Team A fills containers with 85cl, 240ml and 56cl of water. Team B manages to collect 91cl, 350ml and 20cl. Which team collected most water and how much more did they collect than the other team? **Team A 190ml**

10. Bill put 0.875l of water into the fish tank, followed by 0.756l the next day and 0.943l on the last day. How many litres are in the tank at the end of the time? **2.574l**

classroomsecrets.com
Capacity Problems – Genius ANSWERS