

Answer to the Measurement Review Sheet

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1. She added instead of subtracting.
2. 149.0 g
3. 20.0 g
4. 140.0 g
5. 104.5 cm³

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6. He didn't set the riders to the sum of the containers' mass and the mass he needed.

7. Set the riders to 13.0 g

8.

1. Set the **riders** to the **mass** of the **container** and the amount you need. In this cases: 37.0 g (27.0 g + 10.0 g)

2. Pour in the salt until the **pointer** lines up with the "0" on the **indicator**.

9. 53.0 g

10. 67.0 g

11. 7.5 g

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12. 325.0g

13. 65.2 g

14. 142.3 g

I will check you drawing for questions 15 - 17.

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18. ruler
19. graduated cylinder, beaker, flask
20. graduated cylinder, beaker, flask
21. triple beam balance
22. triple beam balance
23. ruler
24. ruler

25. cm^3
26. mL
27. cm^3
28. grams
29. grams
30. cm
31. cm

32. meter, cm
33. kilogram, grams
34. liter, mL
35. 1
36. 1
37. 1000
38. 1000
39. 1000
40. Mass is the amount of MATTER. Weight is the pull of gravity on you. Therefore, your weight can change when the pull of gravity differs, for example on the moon there is $\frac{1}{6}$ the pull of gravity than on Earth. Your weight on the moon is less.

41. 1. Fill the graduated cylinder to 50 mL
2. Drop the object in on an angle.
3. See how much the water rose or displaced.
4. The amount is rose (displaced) is equal the object volume