Use your table of lengths to answer these questions.

1. Write the objects in ascending order of actual length.

2. What is the difference in length between the longest object and the shortest? (Actual lengths)

3. What is the total length of the longest three objects?

4. What is the total length of the shortest three objects?

5. What is the total length of all six objects?

6. Take the longest object. What is twice its length?

7. What is three times its length?

8. What is half its length?

9. What is a third of its length?

10. What is the average length of all the objects? Any ideas?

This resource kindly contributed by Tim Goldstein. MSS1 read, estimate, measure & compare length **(E3.5)** weight **(E3.6)** & capacity **(E3.7)** using common standard & non standard units. **MSS1/E3.8** choose & use appropriate units and measuring instruments. **MSS1/L1.4** read, estimate, measure & compare length, weight, capacity using common units & instruments. **MSS1/L1.8/1.9** Work out the perimeter / area of a rectangles.

Use your table of lengths & widths to answer these questions.

1. Write the four objects in ascending order of actual length.

2. Calculate the perimeter of each object (m or cm).

3. Calculate the area of each object (m^2 or cm^2).

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Use your table of weight measurements to answer these questions.

1. Write the items in ascending order of actual weight.

2. What is the difference in weight between the heaviest item and the lightest?

   (Actual weights)

3. What is the total weight of the heaviest three items?

4. What is the total weight of the lightest three items?

5. What is the total weight of all six items?

6. Take the heaviest item. What would two of them weigh?

7. What would three of them weigh?

8. What is half its weight?

9. What is a third of its weight?

10. What is the average of all the items you weighed? Any ideas?

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Use your table of liquid measurements to answer these questions.

1. If you fill a big bottle & small bottle from the bucket, what's left in the bucket?

2. If you fill a square tub from the big bottle, what will you have left?

3. If you fill 2 round tubs from the big bottle, what will you have left?

4. How much do 3 cups hold?

5. How much do 4 cups hold?

6. How many cups can you fill from a big bottle?

7. What does a $^{1}/_{4}$ of a big bottle hold?

8. How many square tubs can you fill from a big bottle?

9. What is a $^{1}/_{10}$ of a big bottle?

10. How many times can you pour 50 ml from a big bottle?

11. What is a $^{1}/_{10}$ of a small bottle?

12. What is a $^{1}/_{3}$ of a big bottle?

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