

MASS OF OBJECTS

1st pd
Jan 2017

| Name of Object | Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 | Group 7 | Group 8 | AVERAGE MASS |
|--------------------|-------------------|---------|-----------------------------|------------------|-------------------|---------|---------|------------------|--------------|
| Paperclip | 1.3g | 1.3g | 1.3g | 1.3g | 1.3g | 1.3g | 1.3g | 1.3g | 1.3g |
| H2O Bottle | 41.7g | 39.1g | 39.2g | 41.5g | 39.1g | 39.0g | 40.3g | 39.1g | 39.9 |
| Styrofoam Cup | 3.3g | 3.0g | 3.0g | 3.1g | 3.1g | 3.3g | 3.3g | 3.0g | 3.1g |
| Unsharpened Pencil | 5.6g | 5.9g | 5.5g | 6.2g | 5.3g | 5.6g | 5.9g | 5.5g | 5.6g |
| Petri Dish | 17.3g | 17.5g | 17.1g | 17.2g | 17.5g | 17.6g | 17.2g | 16.6g | 17.4g |
| WLMs | 40.3g | 39.8 | 39.5g | 40.1g | 39.5g | 39.5g | 40.2g | 39.0g | |
| Achiever sign | 40.3g | 39.8 | 39.5g | 40.1g | 39.5g | 39.5g | 40.2g | 39.0g | |
| Cassette Tape | 66.2g | 65.5g | 66.5g | 65.3g | 65.6g | 65.5g | 65.7g | 64.5g | 65.8g |
| VHS Tape | 210.9g | 209.3g | 210.8g 207.8g | 210.3g | 207.5g | 209.4g | 209.5g | 210.0g | 209.7g |
| IPad | 408.1g | 461.0g | 466.4g | 463.0g | 464.0g | 460.3g | 460.1g | 465.0g | 462.9g |
| Grad cylinder | 40.2g | 40.2g | 40.4g | 46.3g | 40.5g | 40.5g | 40.2g | 40.3g | |
| Tongs | | 169.5g | 169.1g | 170.0g | 168.1g | 170.0g | 168.2g | 169.3g | 169.2g |
| Pipette | | 1.5g | 1.3g | | 1.5g | 1.4g | 1.5g | 1.3g | |
| Beaker | | | | | 398.0g | 408.3g | 400.1g | 403.0g | |
| Text Book | too much | 610+ | grams | | | | | | |

X = Outlier (mistake) - do not average in

7,8

5,6

3,4

1,2

8

7

6

5

4

3

2

1

1

MASS OF OBJECTS

3rd
Jan 2017

| Name of Object | Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 | Group 7 | Group 8 | AVERAGE MASS |
|----------------|-----------------|---------|---------|-------------------|---------|------------------|------------------|---------|--------------|
| Paperclip | 1.3g | 1.3g | 1.3g | 1.3g | 1.3g | 1.3g | 1.3g | 1.3g | 1.3g |
| Water Bottle | 41.0g | 39.0g | X | 38.1g | 40.0g | 39.0g | 41.3g | 39.1g | 39.6g |
| Styr. cup | 3.1g | 2.9g | X | 3.2g | 3.2g | 3.0g | 2.7g | 3.0g | 3.0g |
| Pencil | 5.5g | 5.8g | X | 6.1g | 5.4g | 5.5g | 5.6g | 5.5g | 5.6g |
| Petri Dish | 8.2g | X | X | 17.9g | 17.6g | 7.5g | 17.4g | 17.2g | 17.5g |
| Achiever Sign | 39.9g | X | X | 39.7g | 39.8g | 25.6g | 40.4g | 39.4g | |
| Cassette Tape | 65.6g | X | X | 64.5g | 65.9g | 65.9g | 65.7g | 65.2g | |
| VHS Tape | 209.8g | X | X | 210.4g | 211.2g | 209.5g | 210.3g | | |
| Ipod | 461.0g | X | X | 466.1g | 463.1g | 460.0g | 461.5g | 466.0g | |
| Grad Cyl. | 40.3g | X | X | 40.6g | 40.5g | 40.0g | 41.3g | 40.2g | |
| Tongs | 169.5g | X | X | 179.6g | 168.4g | 167.5g | | 168.1g | |
| Pipette | 1.3g | X | X | 1.5g | 1.1g | 1.5g | 1.9g | 1.5g | |
| Beaker | 397.9g | X | X | | 397.1g | 400.0g | | 403.0g | |
| Red Textbook | 610 + grams | X | X | | | | | | |

 = outlier - mistake (do not include in average)

MASS OF OBJECTS

4th pd
Jan 2017

| Name of Object | Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 | Group 7 | Group 8 | AVERAGE MASS |
|----------------|------------|------------------|-------------------|---------|-------------------|----------------|---------|------------------|--------------|
| Paperclip | 1.2g | 1.4g | 1.3g | 1.4g | 1.2g | 1.3g | 1.3g | 1.3g | 39.9g |
| Water Bottle | 41.1g | 39.2g | 39.1g | 41.7g | 30.0g | 39.2g | 41.1g | 39.7g | |
| Styrofoam cup | 3.1g | 3.1g | 3.5g | 3.3g | 3.0g | 1.0 | 3.1g | 3.0g | |
| Pencil | 5.7g | 6.1g | 5.5g | 6.1g | 5.3g | | 5.6g | 5.6g | |
| Petri Dish | 16.0g | 10.2g | 17.0g | 17.2g | 20.0g | 17.6g | 17.9g | 14.2g | |
| WLMs | 39.6g | 40.0g | 39.5g | 40.0g | 39.5g | 39.4g | 39.7g | 35.5g | |
| Cassette | 65.0g | 65.5g | 66.5g | 65.3g | 65.5g | 65.6g | 65.5g | 60.7g | |
| VHS Tape | 211.0g | 209.4g | 209.0g | 210.4g | 207.4g | 209.6g | 209.5g | | |
| Ipod | 460.0g | 461.5g | 407.0g | 464.4g | 425.0g | 466.4g | 465.0g | | |
| Grad Cyl. | 40.4g | 40.1g | 40.5g | 40.6g | 40.2g | 40.4g | 40.5g | | |
| Tongs | | 169.5g | 169.5g | 170.3g | 168.0g | 169.9g | 169.7g | | |
| Pipette | | 1.6g | 1.3g | 1.6g | 1.4g | 1.4g | 1.5g | | |
| Beaker | | 398.0g | 405.3g | 399.6g | 398.1g | 407.9g | 400.7g | | |
| Red Text book | Colt grams | | | | | | | | |

 = outlier (mistake) - do not include in average

MASS OF OBJECTS

6th

Jan 2017

| Name of Object | Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 | Group 7 | Group 8 | AVERAGE MASS |
|---------------------|-------------------------|---------|---------|------------------|-----------------|---------|------------------|---------|--------------|
| Paper clip | 1.2g | 1.3g | 1.3g | 1.3g | 1.5g | 1.3g | 1.3g | 1.6g | |
| H ₂ O B. | 40g 37.5g | 37.5g | 39.0g | 41.5g | 39.1g | 39.0g | 70 | 39.2g | |
| Styrofoam cup | 3.5g | 3.2g | 3.0g | 2.9g | 3.3g | 3.0g | 3.0g | 3.2g | |
| Unsharpened pencil | 5.5g | 5.8g | 5.5g | 5.3g | 5.5g | 5.5g | 5.5g | 5.6g | |
| Petri Dish | 10.0g | 18.3g | 17.0g | 17.7g | 9.4g | 17.5g | 15.3g | 17.4g | |
| Worms | | 38.2g | 39.6g | 28.0g | 39.6g | 39.3g | 39.2g | 39.4g | |
| Cassette Tape | | 46.5g | 46.6g | 64.9g | 66.0g | 65.5g | 66.4g | 65.5g | |
| VHS Tape | | 203.6g | 209.0g | 210.4g | 207.5g | 209.4g | 207.3g | 209.6g | |
| Ipod | | 458.5g | 461.9g | 461.7g | 462.6g | 462.0g | 461.3g | 461.7g | |
| Grad. cylinder | | 37.5g | 40.4g | 40.5g | 40.4g | 40.5g | 40.3g | 40.4g | |
| Tongs | | 138.1g | 169.3g | 170.1g | 168.3g | 170.0g | 168.4g | 165.1g | |
| Pipette | | | 1.5g | | 1.5g | 1.4g | 1.4g | 1.5g | |
| Beaker | | | 400.4g | | 398.2g | 400.0g | 400.5g | 403.2g | |
| Red Text book | 616 + grams | | | | | | | | |

 = outlier (error) - do not include in average

