Mass Problems

1. Ian weighs 2 watermelons. The first weighs 3300 grams and the second weighs 4200 grams. How much heavier is the second watermelon than the first?

2. Miles weighs 87 kg, Tom 75kg and Richard 33kg. What is the difference in weight between the heaviest and lightest person?

3. A copy of "Harry Potter and the Philosopher's Stone" weighs 300 grams. If a teacher carries 6 copies of the book over to her group readers, what is the total weight of the 6 books?

4. At the airport check in desk, my two suitcases weigh 8kg and 7kg. What is their combined weight in grams?

5. A baker fills 10 bags with currant buns. One bag weighs 450 grams. What would be the total weight in kilograms?

6. Jack weighs three rocks. One weighs 345 grams, the second weighs 240 grams and the third weighs 450 grams. What is the total weight?

7. If a sack of potatoes weighs 10,500 grams, how many kilograms is this?

8. Heather's cat weighs 2150 grams and William's cat weighs 2 ¾ kg. Whose cat is heavier and by how much?

9. Julie needs to weigh out some flour. She accidentally pours too much on the scales. If she poured out 565 grams but only required 490 grams, how much does she need to remove?

10. If Sally the sheep weighs 55kg, how many grams is this?

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Mass Problems – Tricky

Mass Problems

1. Ian weighs 2 watermelons. The first weighs 3300 grams and the second weighs 4200 grams. How much heavier is the second watermelon than the first? **900 grams**

2. Miles weighs 87kg, Tom 75 kg and Richard 33kg. What is the difference in weight between the heaviest and lightest person? **54kg**

3. A copy of "Harry Potter and the Philosopher's Stone" weighs 300 grams. If a teacher carries 6 copies of the book over to her group readers, what is the total weight of the 6 books? **1800 grams**

4. At the airport check in desk, my two suitcases weigh 8kg and 7kg. What is their combined weight in grams? **15,000 grams**

5. A baker fills 10 bags with currant buns. One bag weighs 450 grams. What would be the total weight in kilograms? **4 ½ kg**

6. Jack weighs three rocks. One weighs 345 grams, the second weighs 240 grams and the third weighs 450 grams. What is the total weight? **1035 grams**

7. If a sack of potatoes weighs 10,500 grams, how many kilograms is this? **10 ½ kg**

8. Heather's cat weighs 2150 grams and William's cat weighs 2 ¾ kg. Whose cat is heavier and by how much? **William's by 600 grams**

9. Julie needs to weigh out some flour. She accidentally pours too much on the scales. If she poured out 565 grams but only required 490 grams, how much does she need to remove? **75 grams**

10. If Sally the sheep weighs 55kg, how many grams is this? **55,000 grams**

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Mass Problems – Tricky ANSWERS