


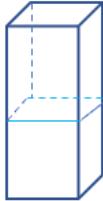


MENTAL MATHEMATICS

MASS/WEIGHT

QUESTION	TIME (Seconds)
1. Savi's empty book bag had a mass of 750g. When her books were placed in the bag, it had a mass of 3 kg. What is the mass of her books?	5
2. How many pieces of cheese weighing 250g can be obtained from a 5kg block of cheese?	5
3. A book has a mass of 125 g. What is the mass of 12 books of the same weight?	5
4. How many bags weighing 250 g can be packaged from one bag weighing $3\frac{1}{2}$ kg?	8
	
5. Mr Khan made 5 equal packets of sweets each of mass 250 g. What is the total mass of the sweets in kilograms?	8
6. How much bananas must be added to balance the scale?	8
	
7. Isiah is 12 kg heavier than his brother who has a mass of 29 kg. What is the mass of Isiah?	5

<p>8. The small block of cheese has a mass of 250g. How many <u>more</u> small blocks are needed to balance the scale below?</p> 	10
<p>9. Kwesi baked a cake with 1 500 g of flour then he baked a bread with 1 350 g of flour. He started with a 5 kg bag of flour. How much flour was left in the bag?</p>	12
<p>10. The container below is $\frac{2}{5}$ full and it holds 30 kg of sugar. How much sugar will it hold when it is completely full?</p> 	12
<p>11. A vegetable basket had cabbage, carrots and tomatoes. The mass of the cabbage was 2kg and the mass of the carrots was twice the mass of the cabbage and half of the mass of the tomatoes. What is the mass of all three items in the basket?</p>	10
<p>12. The mass of a bucket was 2 kg. When it is half full of sand, it has a mass of 12 kg. What is the mass of a bucket of sand?(Sand only, not the bucket).</p>	5

ANSWERS

1. 2 250 g or 2.25 kg or $2\frac{1}{4}$ kg
2. 20 pieces
3. 1 500 g or 1.5 kg or $1\frac{1}{2}$ kg
4. 14 small bags
5. 1 250 g or 1.25 kg or $1\frac{1}{4}$ kg
6. $6\frac{1}{4}$ kg
7. 41 kg
8. 7 more
9. 2 150 g
10. 75 kg
11. 14 kg
12. 20 kg