



Grade 7

Mathematics

1 ½ hours

13 - Mass

- (1) Express the following masses in grammes.
 i) 2340 mg ii) 1478 mg iii) 2 g 990 mg
- (2) Express the following masses in milligrammes.
 i) 10 g ii) 0.05 g iii) $2\frac{3}{4}$ g
- (3) Express each of the following masses in terms of grammes and milligrammes.
 i) 3350 mg ii) 11.85 g iii) 2.075 g
- (4) Simplify the following.
- | | | |
|---|---|---|
| i) g mg
175 250
+ <u>20 850</u> | ii) g mg
12 690
3 850
+ <u>25 485</u> | iii) g mg
849 230
- <u>20 780</u> |
|---|---|---|
- agaram.lk
- iv) g mg
 60 000
 - 20 780
- v) g mg
 150 200
 _____ × 8
- vi) 12 g 150 mg × 11
 vii) 8 g 240 mg ÷ 8
 viii) 20 g 200 mg ÷ 10
- (5) A mass of 150 g of cheese is issued to the market in a box of mass 1 g 500 mg. Find the mass of 250 such boxes of cheese.
- (6) The total mass of a box containing 10 biscuit packets. The mass of empty box is 16 mg. The mass of biscuit packet is 250 g. Find the total mass in,
 i) grammes
 ii) milli grammes
- (7) The mass of 8 mangoes obtained silli bag is 1 kg 600 g. Estimate the total mass of 25 mangoes.