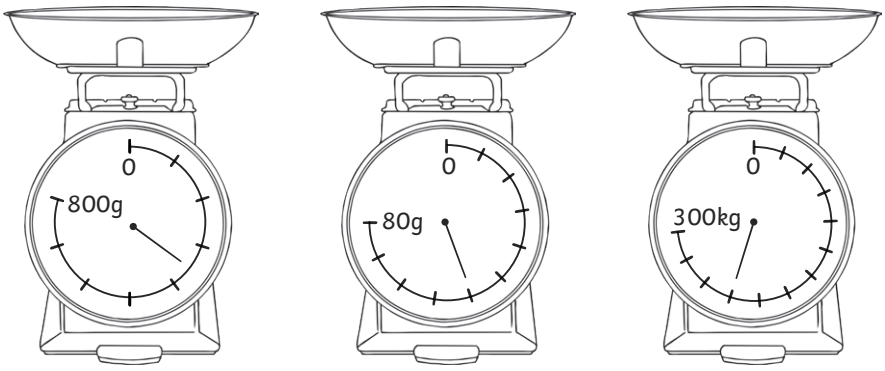
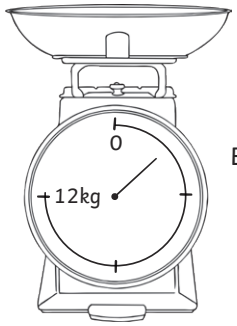
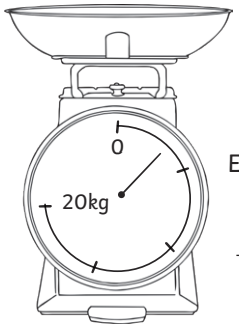
1) 100g, 8g, 25kg

2)

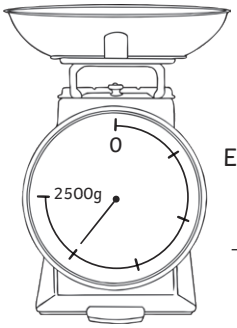




Each interval is worth **4kg**.



Each interval is worth **5kg**.



Each interval is worth **500g**.

1) The second set.

2) Accept any explanation that shows that Ali is incorrect as the mass is 850g.

1) 4 eggs = 300g. 300g ÷ 4 = 75. 1 egg weighs 75g.
325g – 75g = 250g. 250 ÷ 10 = 25. One biscuit weighs 25g.
3 × 25 = 75g. 275g – 75g = 200g. The chocolate weighs 200g.

2) 5 bars
1kg = 1000g. 1000 ÷ 200 = 5. If one bar of chocolate has a mass of 200g, you would need five bars to have a mass of 1000g.

3) Accept any correct combinations, such as 4 eggs, 3 bars of chocolate and 4 biscuits.