Using Metric Units of Mass

SKILLS

1 kg = 1000 g

1. What is the cat's mass in grams?

   ____________________________

2. What is the apple's mass in grams?

   ____________________________

3. What is the mass of the bunch of bananas in kilograms?

   ____________________________

4. What is the rabbit's mass in kilograms?

   ____________________________

5. A rhinoceros has a mass of 4000 kg. What is his mass in grams?
   ____________________________ grams

6. A house mouse has a mass of 12 grams. If you put a mouse on a scale, how many paper clips would be needed to balance it if a paper clip has a mass of 1 gram?
   You would need ____________ paper clips.

7. A fruit bat has a mass of about one kilogram. How many grams is that?
   ____________________________ grams

8. A tiger has a mass of about 220 kilograms. How many grams is that?
   ____________________________ grams

9. A block of cheese has a mass of 4000 grams. How many kilograms is that?
   ____________________________ kilograms
Using Metric Units of Mass

CRITICAL THINKING AND PROBLEM SOLVING

10. One dime has a mass of about 2 grams. What is the mass of a $10 roll of dimes in grams?

   __________ g

11. Twenty hot dogs have a mass of about 1 kilogram. How many grams is one hot dog?

   __________ g

12. A paper clip has a mass of about one gram. What is the mass of a box of 100 paper clips in grams? What is the mass of 50 boxes of paper clips in kilograms?

   One box of paper clips has a mass of __________ grams.

   Fifty boxes of paper clips has a mass of __________ kilograms.

13. A banana has a mass of about 100 grams. How many bananas would be in a crate that has a mass of 6 kilograms?

   __________ bananas

Choose the measure that will balance the scale.

14. 3 kg 1500 g 1 kg

   1 kg 500 g 1500 g

15. 500 g 1500 g

   1 kg 250 g 750 g

16. 4250 g 1250 g

   1 kg 1500 g 750 g

17. 1 kg 1 kg

   1 kg 250 g 1 kg

18. 250 g 250 g

   250 g 1250 g 500 g

19. 250 g 750 g

   1250 g 500 g 1 kg