RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2
2011

Your Score Out of 100 marks		
	Class	**Level**
Highest score		
Average score		
Parent's Signature		

Name : _____ ( ) Class: P3__

24th Oct 2011 MATHEMATICS Att: 1 h 45 min

SECTION A (40 marks)

Question 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. Which of the following is 1000 more than 4808?

    (1) 3808

    (2) 4880

    (3) 5800

    (4) 5808   (   )

2. Find the difference between 406 and 8000.

    (1) 7694

    (2) 7604

    (3) 7594

    (4) 7406   (   )

3. 504cm = _____

    (1) 5 m 4 cm

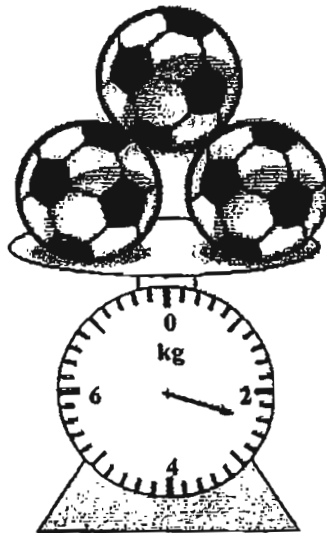   (2) 5 m 40 cm

    (3) 50 m 4 cm

    (4) 50 m 40 cm   (   )

4.

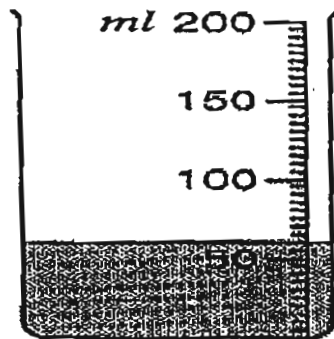What is the mass of the soccer balls?

    (1) 2 kg 20 g

    (2) 2 kg 40 g

    (3) 2 kg 200 g

    (4) 2 kg 400 g   (   )

5. The volume of water in the container is _____ mℓ.

(1) 52 mℓ

(2) 55 mℓ

(3) 60 mℓ

(4) 65 mℓ   (   )

6

What is the total sum of money shown above?

(1) $ 65.85

(2) $ 65.90

(3) $ 66.85

(4) $ 66.90   (   )
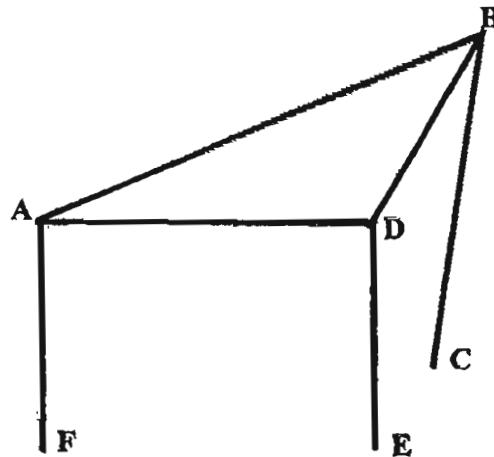
7. Siti divided a cake into 8 equal pieces. She gave 2 pieces to her sisters. What fraction of the cake did she give away?

(1) $\frac{1}{5}$

(2) $\frac{1}{6}$

(3) $\frac{1}{3}$

(4) $\frac{1}{4}$

(   )

8. Which one of the following is a pair of perpendicular lines?

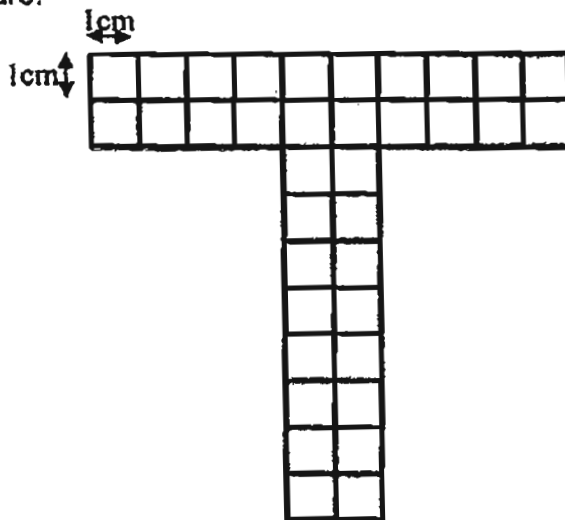
(1) AB and BC

(2) BC and BD

(3) AD and DE

(4) AF and DE

(   )

9. Express 3 hours and 8 minutes in minutes

(1) 38 min

(2) 188 min

(3) 308 min

(4) 380 min

(   )

10. The figure below is made up of 1-cm squares. Find the perimeter of the figure.


(1) 36 cm

(2) 40 cm

(3) 42 cm

(4) 92 cm   (   )

11. Rina collected 2735 seashells last year. This year she collected 234 seashells more than last year. How many seashells did she collect this year?

(1) 2501

(2) 2969

(3) 5075

(4) 5704   (   )

12. Write 2 kg 5 g in grams.

(1) 205 g

(2) 2005 g

(3) 2050 g

(4) 2500 g   (   )

13. John bought a book for $13.95. He gave the cashier 2 ten-dollar notes. How much change did he receive?

(1) $ 6.05

(2) $ 7.05

(3) $ 20.00

(4) $ 33.95   (   )

14.
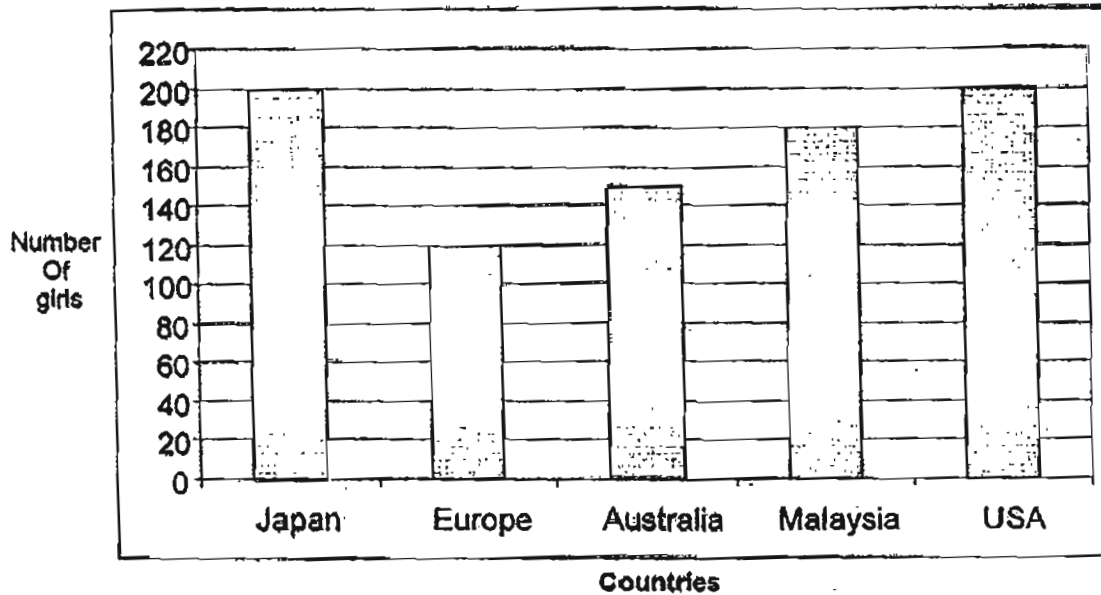
Countries

The above graph shows the countries visited by a group of girls during the June holiday.

What is the total number of girls who visited to USA and Europe?

1) 300

2) 310

3) 320

4) 330   (   )

15.

$$\frac{6}{8} = \frac{\square}{12}$$

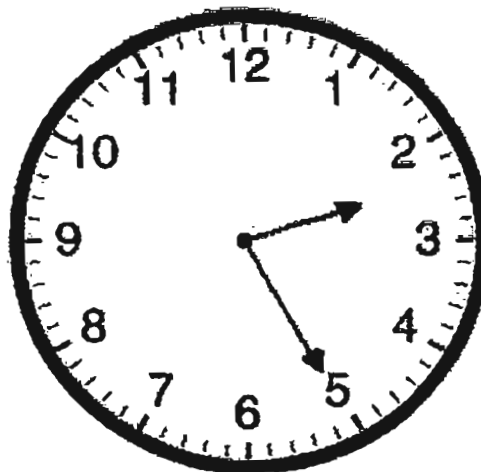What is the missing number in the box?

(1) 11

(2) 10

(3) 3

(4) 9

( )

16. The clock below shows the time Halinah left her home. What time did she leave her home?
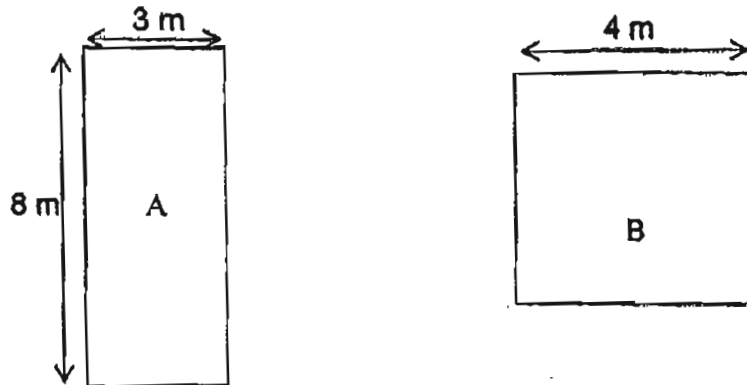

(1) 5 min past 2

(2) 25 min past 2

(3) 10 min past 5

(4) 12 min past 5

( )

17. Find the difference in area between rectangle A and square B.

(1) 6 m²

(2) 8 m²

(3) 15 m²

(4) 40 m²   (   )

18. Jenny has 322 curry puffs. She can pack up to 8 curry puffs into each box. What is the least number of boxes that she has to use to pack all the curry puffs?

(1) 41

(2) 40

(3) 5

(4) 4   (   )

19. Lisa took 1h 25 min to do her Mathematics worksheet and 35 min less to do her Science worksheet. She completed both worksheets at 3.05 p.m. . When did she start doing her worksheets?

(1) 5.00 p.m.

(2) 5.05 p.m.

(3) 1.05 p.m.

(4) 12.50 p.m.   (   )

20. Find the area of the unshaded part.
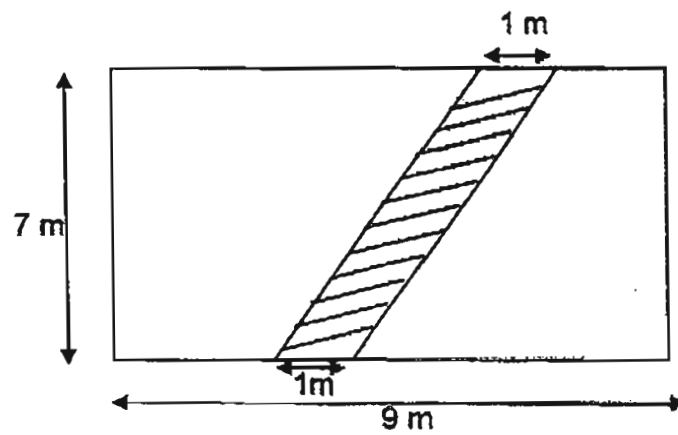
(1) 7 m²

(2) 9 m²

(3) 56 m²

(4) 63 m²   (   )

SECTION B (40 marks)

Question 21 to 40 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

21. Write five thousand, four hundred and twenty in numerals.

Answer: _____

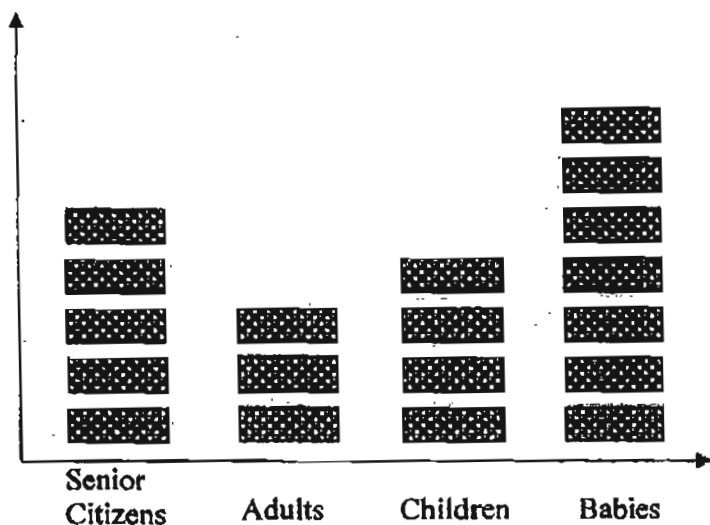22.. The digit '8' in 9082 is in the _____ place.

Answer: _____

23. What is the sum of 4009 and 5991?

Answer: _____

24. Find the product of 309 and 7.

Answer: _____

25.

▓▓▓▓ represents 8 persons

The above graph shows the people who went to the Great Singapore Sale at the Singapore Expo.

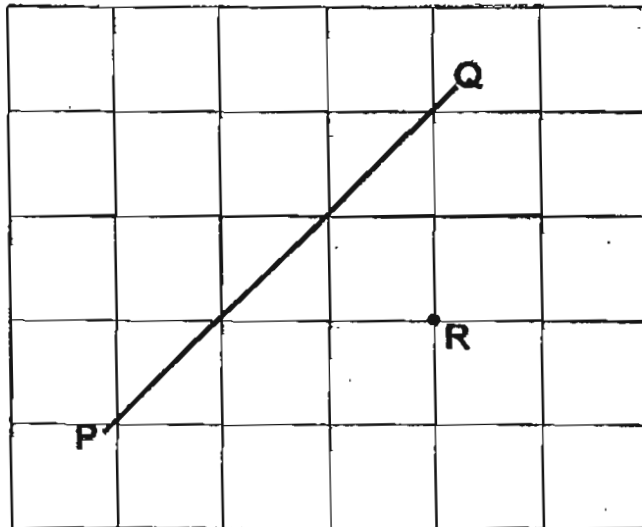How many more babies than senior citizens were at the sale?

Answer:_____
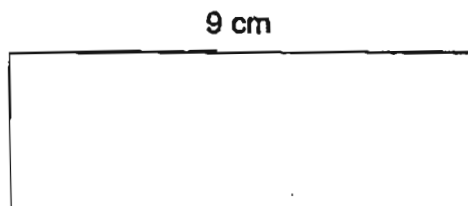
26. Arrange the fractions below in descending order.

$$\frac{7}{12}, \frac{5}{9}, \frac{2}{3}$$

Answer: _____, _____, _____

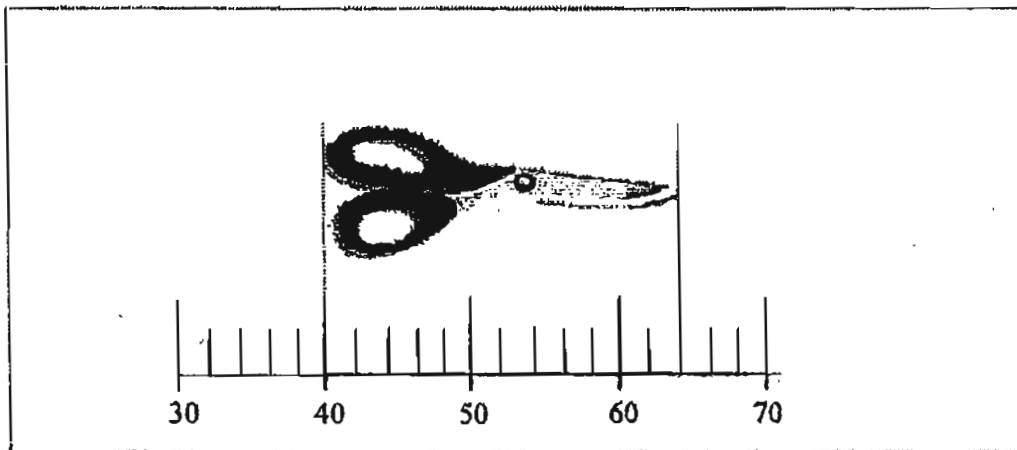27. Draw a line that is parallel to line PQ and passing through point R.

28. The length of the rectangle below is three times its breadth. What is the area of the rectangle?
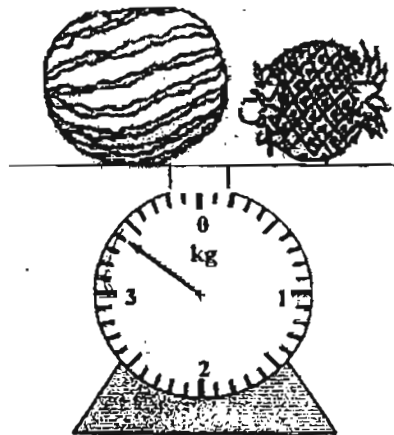
9 cm

Answer: _____ cm²

29. What is the length of the pair of scissors shown below?

Answer: _____ cm

30.

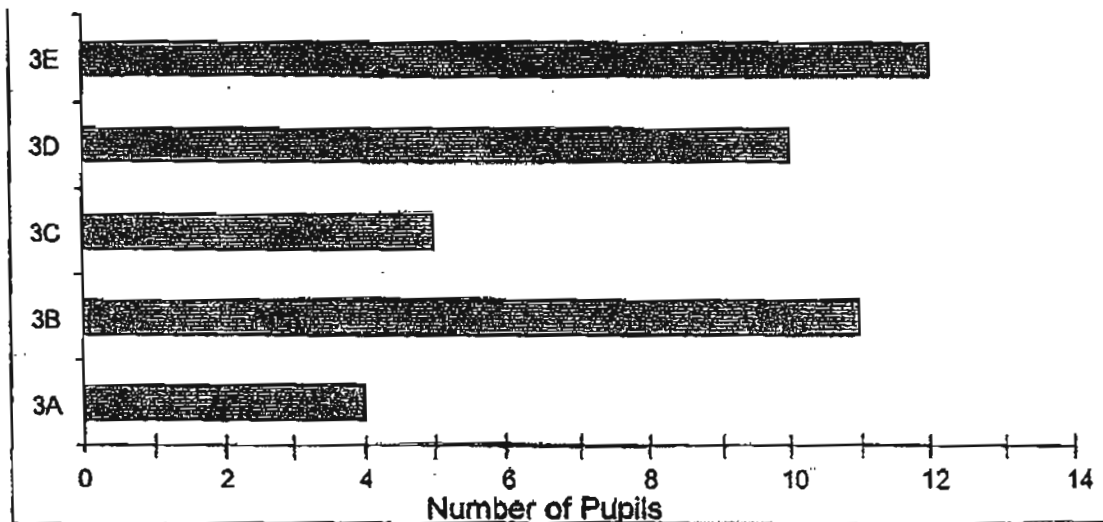What is the total mass of the pineapple and watermelon?

Answer: _____ g

31. Jenny has 2 ℓ 52 mℓ of apple juice and she poured half of it into a jug. How much of apple juice was left?

Answer: _____ mℓ

32. Muthiva had $11.40. She used $5.85 to buy a bowl of chicken rice and a cup of drink. How much money was left?

Answer: $ _____

33. The graph below shows the number of pupils who visited the Science Center.

The entrance fee is $5 per child.
Find the total amount paid by all the pupils.

Answer: $_____

34. Ali ate $\frac{1}{6}$ of a cake and kept $\frac{1}{3}$ of the cake in the refrigerator. He gave the rest of the cake to his brother. What fraction of the cake did he give to his brother?
(Give your answer in the simplest form)

Answer: _____

35. Which two angles in the figure below are smaller than a right angle?
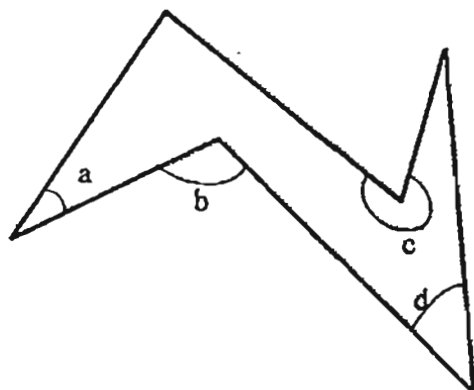
Answer: Angle _____ and Angle _____

36. What is the missing number in the box?

5208, 5008, 4608, [   ] , 3208, 2208

Answer: _____

37. Mr. Tan had 4080 eggs to deliver. After he delivered 1800 to Supermart A and some eggs to Supermart B, he had 390 eggs left. How many eggs did he deliver to Supermart B?

Answer: _____ eggs

38. Study the set of numbers below.

$$\text{✦} + \text{⋈} = 17$$

$$\text{⊚} + \text{✦} = 22$$

$$\text{⋈} + \text{⊚} = 21$$

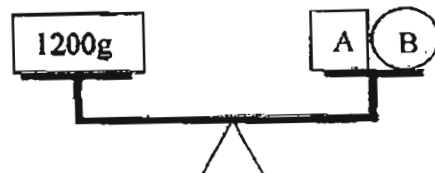Find the value of $\text{✦} + \text{⋈} + \text{⊚}$

Answer: _____

39. Mangoes were sold at 3 for $8.
Maryanne paid $56 for some mangoes. How many mangoes did she buy?

3 for $8

Answer: _____

40. What is the mass of object B as shown below?

Answer: _____ g

For question 41 to 46, show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

41. A ribbon is 5 m long. It is used to tie 4 identical parcels and each parcel needs 35 cm of ribbon. What is the length of ribbon left?

Answer: _____ [3]

42. Tina had a wire that is 3 m long. She cut some of the wire to bend into 3 different squares as shown below.
    a) What was the length of wire used to form the figure?
    b) What was the length of wire left?

48 cm
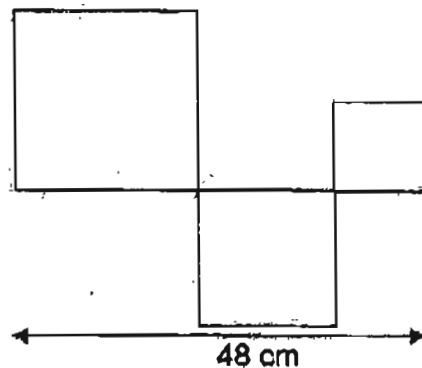
Answer: (a)_____[2]

(b) _____[1]

43. A packet of beads was shared equally among 28 girls.

    8 girls decided to give up their beads to the rest.

    As a result, the rest of the girls received 2 more beads each.

    How many beads were there in the packet at first?

    Answer: _____ [4]

44. 148 eggs are packed into either trays of 10 or 6.
    20 trays are used altogether. How many trays have only 6 eggs in them?

    Answer: _____ [3]

45. Amy has twice the number of stickers as Bernice has. Candy has thrice the number of stickers as Amy has. If Candy has 504 stickers, how many stickers do the 3 girls have altogether?

Answer: _____ [3]

EXAM PAPER 2011

SCHOOL : RAFFLES GIRLS'
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
4	3	1	4	3	3	4	3	2	2	2	2	1	3	4	2	2

Q18	Q19	Q20
1	4	3

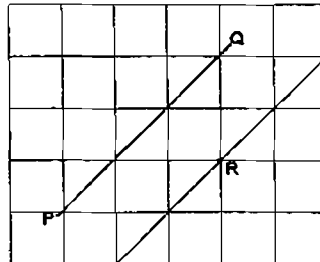21)5420   22)tens   23)10000   24)2163   25)16

26)2/3, 7/12, 5/9   27)   28)27cm2

29)24cm   30)3400g   31)1026ml

32)$5.55   33)$210   34) ½

35)a and Angle d   36)4008   37)1890 eggs

38)30   39)21 mangoes   40)400g

41)4 x 35 = 140
   500 − 140 = 360cm

42)a)48 x 4 = 192cm
   b)300 − 192 = 108cm

43)28 − 8 = 20
   20 x 2 = 40
   40÷8 = 5
   5 x 28 = 140

44)13

45)504÷3 = 168
   168÷2 = 84
   168 x 4 = 672
   672 = 84 = 756

46)a)220g − 80g = 140g
   b)530g − 80g = 450g
      450g − 140g = 310g
      310g÷2 = 155g

46.

80 g   220 g   530 g
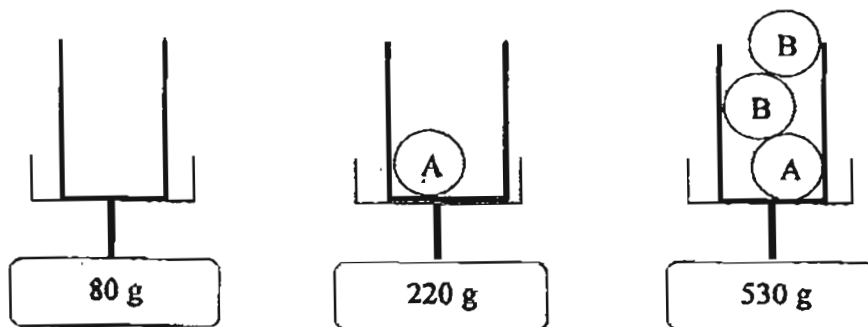
a) Find the mass of object A
b) Find the mass of object B

Answer: a)_____ [1]

b)_____ [2]

-End of Paper-
Please check your work carefully ☺