



**AITONG SCHOOL  
2013**

**END OF YEAR ASSESSMENT  
PRIMARY 2  
MATHEMATICS PAPER**

**DURATION : 1h 30 min**

**DATE : 23<sup>rd</sup> October 2013**

**INSTRUCTIONS**

**Do not open the booklet until you are told to do so.  
Follow all instructions.  
Answer all questions.**

**Name : \_\_\_\_\_ ( )**

**Class : Primary \_\_\_\_\_**

**Parent's Signature : \_\_\_\_\_**

**Date : \_\_\_\_\_**

<b>Section A</b>	<b>40</b>
<b>Section B</b>	<b>40</b>
<b>Section C</b>	<b>20</b>
<b>Total</b>	<b>100</b>

**Section A (20 x 2 marks)**

Choose the correct answer for each question and write its number in the brackets provided.

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1. 9 hundreds + 9 ones is the same as \_\_\_\_\_.

- (1) 99
- (2) 990
- (3) 909
- (4) 9009

(       )

2. Complete the number pattern.

370, 350, 330, \_\_\_\_\_, 290

- (1) 270
- (2) 290
- (3) 300
- (4) 310

(       )

3. What number must be added to 125 to make 800?

- (1) 675
- (2) 685
- (3) 725
- (4) 925

(       )

4. Which of the following is not the same as  $2 \times 4$ .

- (1)  $4 + 4$
- (2)  $16 \div 2$
- (3)  $2 + 2 + 2 + 2$
- (4)  $4 + 4 + 4 + 4$

(       )

5.  $\text{C} + \text{C} + \text{C} = 18$

$\text{C} = \underline{\hspace{2cm}}$

- (1) 9
- (2) 6
- (3) 3
- (4) 4

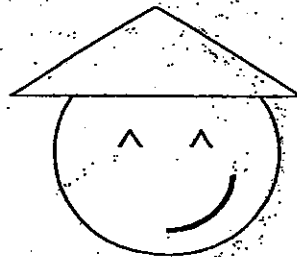
( - )

6. A bus has 4 wheels. How many wheels do 9 buses have altogether?

- (1) 13
- (2) 28
- (3) 32
- (4) 36

( )

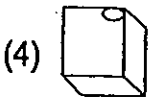
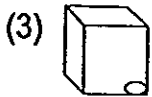
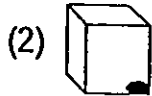
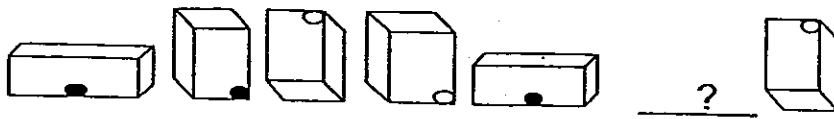
7. Look at the diagram below. How many more straight lines are there than curves?



- (1) 1
- (2) 2
- (3) 5
- (4) 7

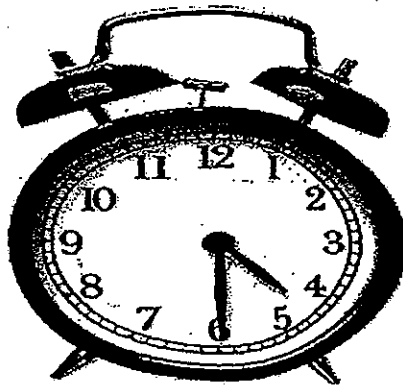
( )

8. What is the missing pattern?



( )

9. The alarm clock shows the time now. It is 30 minutes slow. What is the actual time?



- (1) 3.30 p.m.
- (2) 4.00 p.m.
- (3) 4.30 p.m.
- (4) 5.00 p.m.

( )

10. Sharon left her house one hour after she woke up in the morning. Sharon left her house at 8 o'clock, what time did she wake up?

- (1) 7 a.m.
- (2) 7 p.m.
- (3) 8 a.m.
- (4) 8 p.m.

(      )

11.  $\frac{2}{11}$  and  1 make a whole. What is the missing fraction in the box?

- (1)  $\frac{8}{11}$
- (2)  $\frac{9}{11}$
- (3)  $\frac{10}{11}$
- (4)  $\frac{11}{11}$

(      )

12. Which of the following fraction is the smallest?

- (1)  $\frac{1}{2}$
- (2)  $\frac{1}{3}$
- (3)  $\frac{1}{4}$
- (4)  $\frac{1}{5}$

(      )

13. The pupils in a class were asked about the sports they enjoy.  
 $\frac{2}{7}$  of the pupils like to play badminton,  $\frac{1}{7}$  of the pupils like to play volleyball and the rest like to swim. What fraction of the pupils in class likes to swim?

(1)  $\frac{1}{7}$

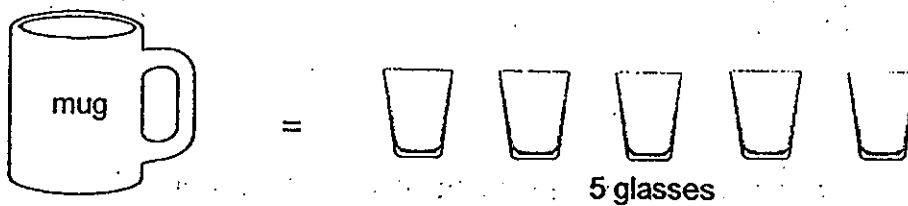
(2)  $\frac{2}{7}$

(3)  $\frac{3}{7}$

(4)  $\frac{4}{7}$

( )

14. 1 mug can fill up 5 glasses.



Sandy has 3 mugs. How many more mugs does she need to get to fill up 30 glasses?

(1) 10

(2) 6

(3) 3

(4) 5

( )

15.  $104\text{¢} = \$$  \_\_\_\_\_

- (1) 104
- (2) 1.40
- (3) 1.04
- (4) 1.00

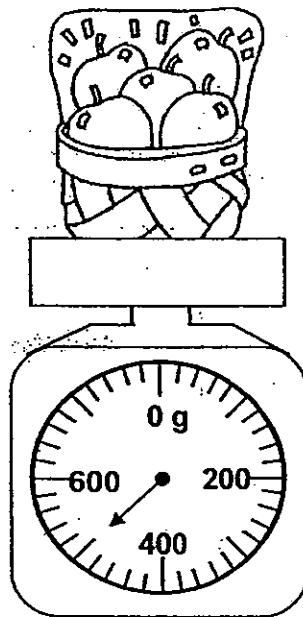
( )

16. Wei Jie had  $90\text{¢}$ . He spent  $55\text{¢}$  on a drink. How much had he left?

- (1)  $25\text{¢}$
- (2)  $35\text{¢}$
- (3)  $45\text{¢}$
- (4)  $55\text{¢}$

( )

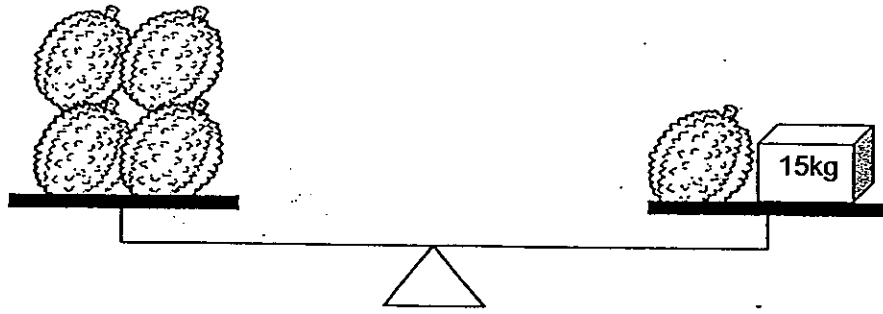
17. The weighing scale shows the mass of a basket of apples.  
If the mass of the basket is  $200\text{ g}$ , what is the mass of the apples?



- (1) 100 g
- (2) 200 g
- (3) 300 g
- (4) 700 g

( )

18.

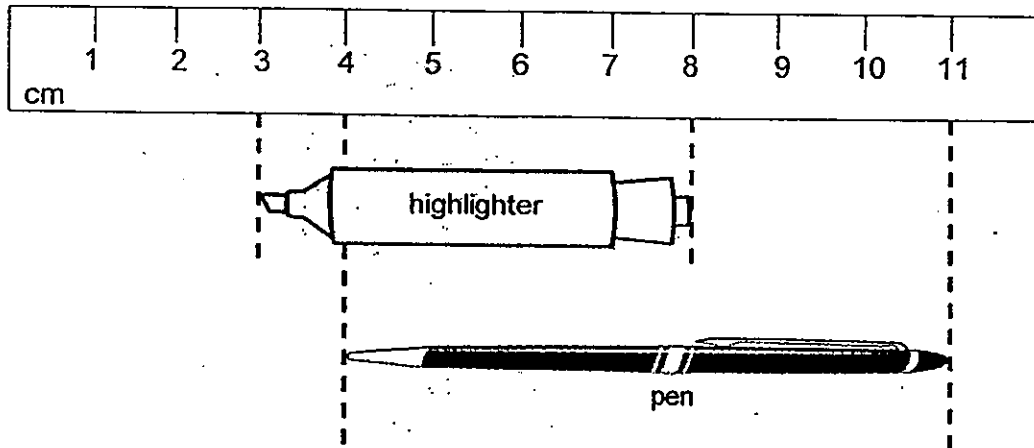


Each durian has the same mass. What is the mass of one durian?

- (1) 15 kg
- (2) 12 kg
- (3) 3 kg
- (4) 5 kg

(      )

19.



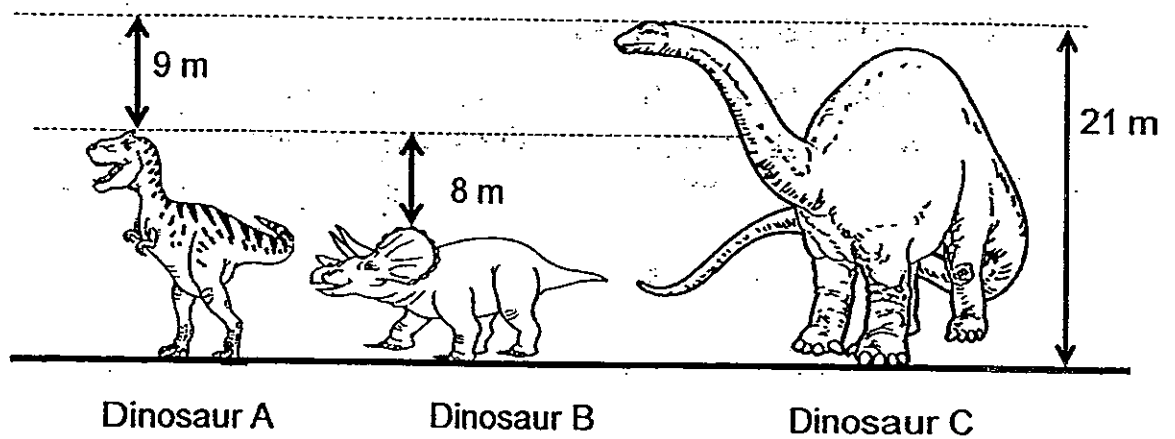
What is the total length of the highlighter and pen?

- (1) 11 cm
- (2) 12 cm
- (3) 17 cm
- (4) 19 cm

(      )



20.



Which one of the following statements is correct?

- (1) Dinosaur A is 12 m tall.
- (2) Dinosaur B is 8 m tall.
- (3) Dinosaur C is 9 m taller than Dinosaur B.
- (4) Dinosaur A is 17 m shorter than Dinosaur C.

(       )

**Section B (20 x 2 marks)**

**Fill in the blanks with the correct answers.  
Show all your workings in the space provided.**

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21. Write 714 in words.

Ans: \_\_\_\_\_  
\_\_\_\_\_

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22. What is the smallest 3-digit number that can be formed using all the digits below?

9
---

 , 

4
---

 , 

6
---

Ans: \_\_\_\_\_

---

23.

$$\begin{array}{r} 9 \quad \boxed{?} \quad 3 \\ - 4 \quad 2 \quad 8 \\ \hline 4 \quad 7 \quad 5 \end{array}$$

What is the missing digit in the box?

Ans: \_\_\_\_\_

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24. There are 675 boys at a fun fair. If there are 135 fewer boys than girls, how many girls are there?

Ans: \_\_\_\_\_

25. A fish tank can hold 250 l of water. It has 126 l of water in it now. How many more litres of water are needed to fill the fish tank completely?

Ans: \_\_\_\_\_ l

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26. Arrange the following fraction in order, beginning with the smallest.

$$\boxed{\frac{2}{5}} \quad \boxed{\frac{3}{5}} \quad \boxed{\frac{1}{5}} \quad \boxed{\frac{4}{5}}$$

Ans: \_\_\_\_\_  
smallest

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27.  $\frac{7}{12} + \frac{3}{12} = \boxed{\phantom{00}}$

Ans: \_\_\_\_\_

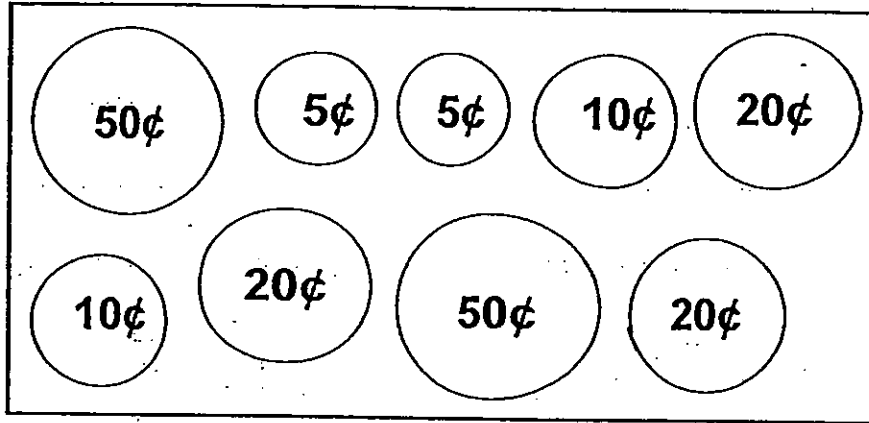
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28. Mother cut a mooncake into 8 equal pieces. Sam ate 1 piece of the mooncake. His sister ate 2 pieces. What fraction of the mooncake was left?

Ans: \_\_\_\_\_

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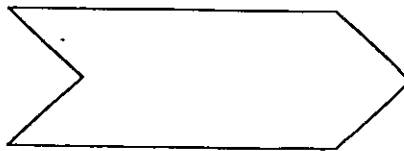
29. John wants to buy a bottle of green tea from a vending machine. It costs \$1.50. The vending machine only accepts fifty-cent coins, twenty cent coins and ten-cent coins. Colour or shade the correct number of coins that John should use to slot into the vending machine.



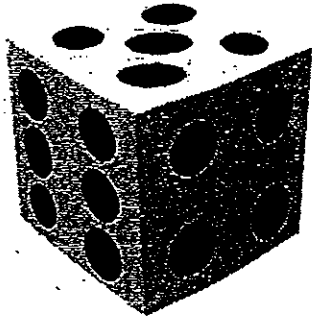
- 
30. Mrs Lim went to the supermarket to buy some food that cost \$136. How much change did she get back if she gave the cashier \$200?

Ans: \$ \_\_\_\_\_

- 
31. Draw 2 straight lines in the figure below to get 1 rectangle and 3 triangles.

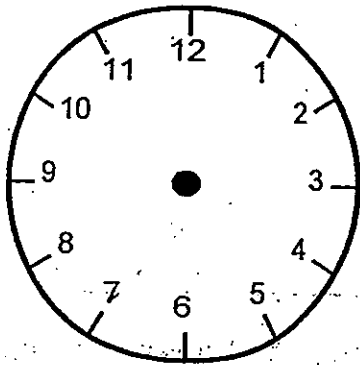


32. How many flat surfaces does this 3-D object have?

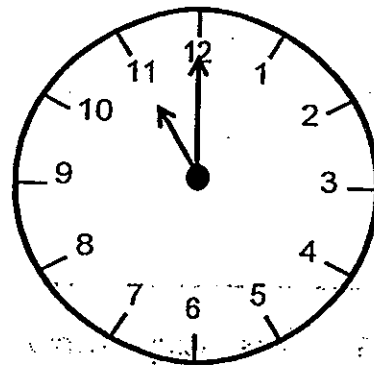


Ans: \_\_\_\_\_

33. Fill in the box with the correct time.  
Then draw the minute and hour hands on the clock.



is 30 min before



34. There are 4 sweets in a box.  
How many sweets are there altogether in 6 boxes?

Ans: \_\_\_\_\_

35. Study the number pattern below and find the missing number.

3	2	6
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4	?	32
---	---	----

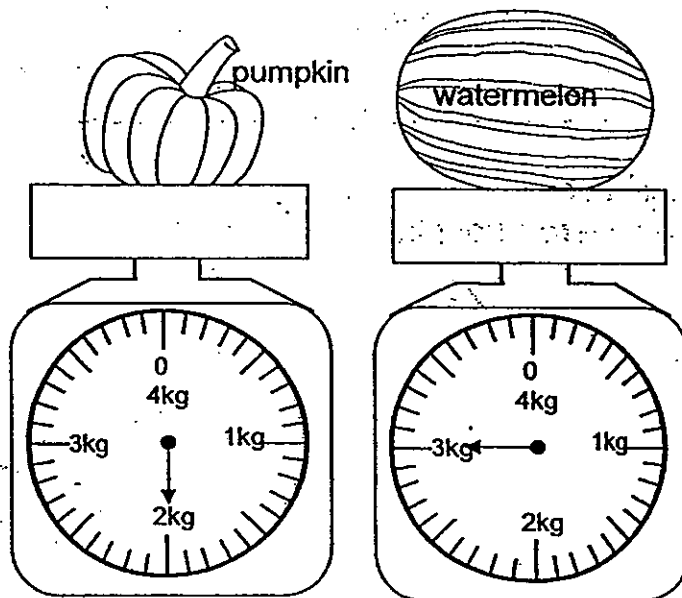
5	7	35
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Ans: \_\_\_\_\_

36. Amirah has a mass of 40 kg. She is 12 kg heavier than Jane.  
What is Jane's mass?

Ans: \_\_\_\_\_ kg

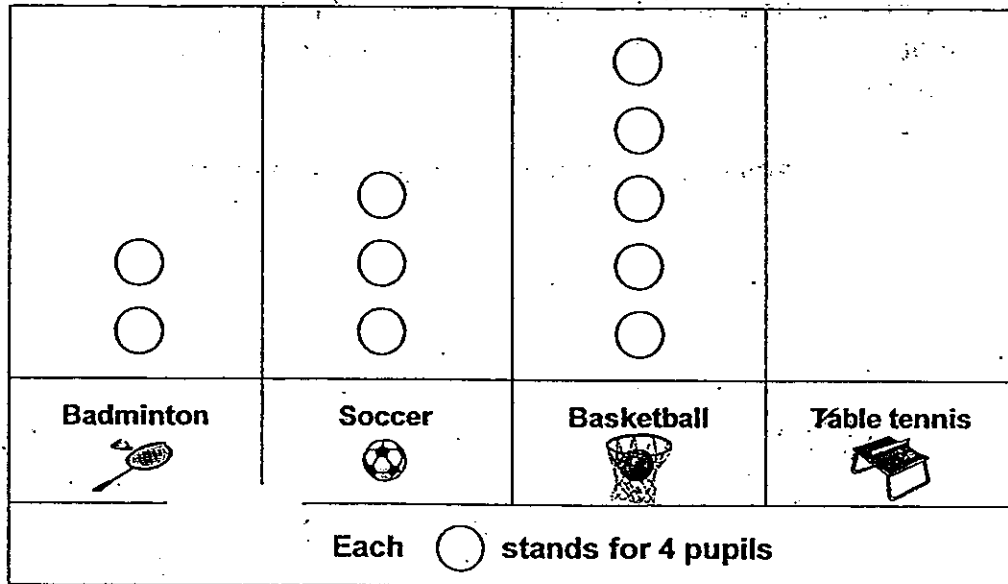
37. The picture shows the mass of a pumpkin and a watermelon.  
(a) Which fruit is heavier?  
(b) How much heavier?



Ans: (a) \_\_\_\_\_  
(b) \_\_\_\_\_ kg

The picture graph below shows the different types of sports Primary 2Y plays during PE lesson. Study the picture graph below carefully and answer questions 38, 39 and 40.

Types of Sports



38. There are 4 more pupils playing basketball than table tennis.

**Complete by drawing** ○ in the picture graph to show the number of pupils who are playing table tennis.

39. If there are 8 girls playing soccer, how many boys are playing soccer?

Ans: \_\_\_\_\_

40. How many pupils should move from basketball to badminton so that there are only 6 pupils left playing basketball?

Ans: \_\_\_\_\_

**Section C (5 x 4 marks)**

**Read each word problem carefully.**

**Show your workings in the space given.**

41. Baker Yummy baked 450 cookies in the morning.  
She baked 198 more cookies in the morning than in the afternoon.

(a) How many cookies did she bake in the afternoon?

She baked \_\_\_\_\_ cookies in the afternoon.

(b) How many cookies did she bake altogether?

She baked \_\_\_\_\_ cookies altogether.

**Working**



42. At a fruit stall, pears were sold at 5 for \$3.  
Mrs Brown bought some pears. She paid \$12.  
How many pears did she buy?

Working

She bought \_\_\_\_\_ pears.

43. Siva has 58 red jelly beans and 32 green jelly beans.  
He mixes them up and packs the jelly beans equally  
into 10 bags.  
How many jelly beans are there in each bag?

Working

There are \_\_\_\_\_ jelly beans in each bag.

44. The mass of a sack of rice is 97 kg heavier than a bag of sugar. The total mass of a sack of rice and a bag of sugar is 117 kg.  
What is the mass of one bag of sugar?

Working

The mass of one bag of sugar is \_\_\_\_\_ kg.

45. Avery is 182 cm tall. Bryan is 24 cm shorter than Avery.  
Candy is 19 cm taller than Bryan.  
What is Candy's height?

Working

Candy's height is \_\_\_\_\_ cm.

\*\*\*\*\* End of Paper \*\*\*\*\*  
Have you checked your work?

# ANSWER SHEET

**EXAM PAPER 2013**

**SCHOOL : AI TONG SCHOOL**

**SUBJECT : PRIMARY 2 MATHEMATICS**

**TERM : SA2**

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

Q18	Q19	Q20
4	2	1

Section B

Q21) Seven thousand and fourteen

Q22) 469

Q23) 0

Q24) 810

Q25) 124L

Q26)  $\frac{1}{5}$ ,  $\frac{2}{5}$ ,  $\frac{3}{5}$ ,  $\frac{4}{5}$

Q27)  $\frac{10}{12}$

Q28)  $\frac{5}{8}$

Q29) 2 – 50¢, 2 – 20¢, 1 – 10¢

Q30) \$64

Q31)



Q32) 6

Q33) 10:30

Q34) 24

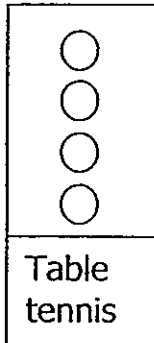
Q35) 8

Q36) 28kg

Q37) a) Watermelon

b) 1

Q38)



Q39) 4

Q40) 14

### Section C

Q41) a)  $450 - 198 = 252$

b)  $252 + 450 = 702$

Q42)  $\$12 \div \$3 = \$4$

$5 \times \$4 = 20$

Q43)  $58 + 32 = 90$

$90 \div 10 = 9$

Q44)  $117 - 97 = 20\text{kg}$

$20 \text{ kg} \div 2 = 10\text{kg}$

Q45)  $182 - 24 = 158$

$158 + 19 = 177\text{cm}$