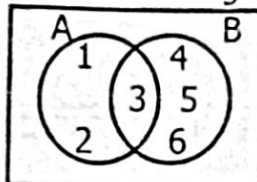1. Subtract: 25 from 300

6. Find the range of 4, 8, -9, 0, 2

2. Given the venn diagram below.

Find n(AUB)

7. Expand 2.43 using values.

3. Change 360 minutes to hours.

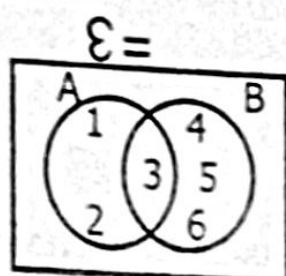4. Find the sum of the two next number in the sequence

   1, 4, 9, 16, _____, _____

8. Solve: $\frac{2m}{4} + 2 = 10$

5. Express 2.4kg as grammes.

9. If today is Monday, What day of the week was it 30 days ago?

10. Shade A'

$\varepsilon =$

11. Work out: 44 - 0.64

12. What is $\frac{2}{7}$ of 21kg

13. If six books cost sh. 3600. What is the cost of 10 similar books?

14. What is the place value of 2 in 3.6724?

15. What number has been expanded to give 200 + 40 + 3?

16. Using a protractor, a ruler and a pencil, draw an angel of 79°

17. Juma is six years older than Kato. If their total age is 34 years. How old is Kato?

18. Find the value of m.

40°

19. Convert 2:30am to 24 hour clock.

20. Factorise 24 using a factor tree and give your answer in set rotation.

SECTION B

21. Use the venn diagram to answer questions

$\varepsilon =$

Beans = 30   Maize =

6   m + 4   m   3
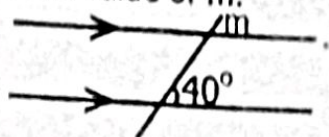
a) Find the value of m.   (2mrks)

b) How many farmers grow maize only?   (2mrks)

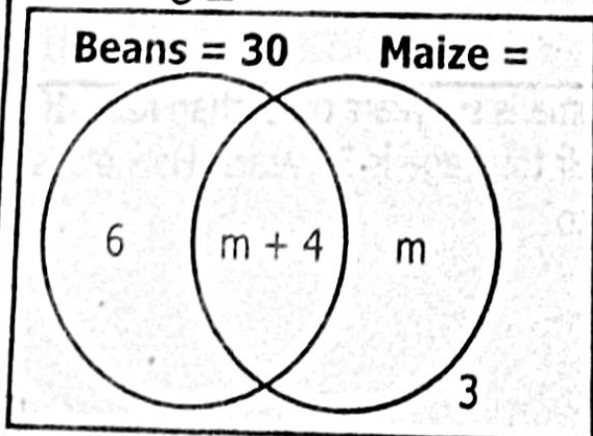c) What is the probability of choosing a farmer who grows only one type of crop?   (1mk)

22. Workout: (a) $\dfrac{0.36 \times 0.4}{0.018}$ (3mk)

b. Write 0.0064 in standard form.
(3mks)

b) Hamza is 87 years old, Express his age in Roman numerals. (2mrks)

23. In a school 40% are boys, 120 are girls. How many boys are in the school? (3mks)

25. The exchange rate in the forex Bureau is 1 US dollar = Ug sh. 3600
   1 Ksh   = Ug sh 26

a) A tourist left USA to Uganda with 1000 dollars. How much money in Ugandan shillings was this? (3mrks)

b. Find the fraction of boys in the school. (2mks)

24. Opio is 11 years old while his sister Amina is 20 yrs old. How many years ago was Amina's age twice that Opio? (3mks)

b) Kato went to change Ugsh. 78000 to Kenyan shillings. How many Kenyan shillings did he get? (3mrks)

26 Use the figure below to answer questions.

6cm
20cm
30cm
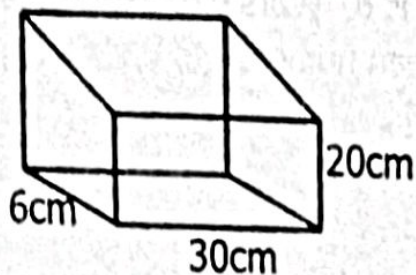
a) Find the volume of the figure above
(3mks)

b) Find the capacity of the figure above. (3mks)

27 a) Ali moved at speed of 80km/hr in 2hrs only. How far did he go? (2mrks)

b) If the distance remained constant and he used 4 hours in return. Calculate his average speed for the whole journey.
(2mrks)

28 Simplify:

a) $2(2 + p) - 4(p - 3)$ (2mrks)

b) Solve: $2p + 4 = 12$ (2mrks)

6.

29. Write 6,404 in words: (2mrks)

_____

_____

b) Expand 364 in exponent form.

(2mrks)

30. Omendi divided his land of 180 hectares to his three daughters Joan, Johannah and Jackline in the ratio of 4:3:2 respectively.
Find the number of hectares each of Omendi's daughter got. (3mrks)

b. Add: $\dfrac{2}{5} + \dfrac{3}{8}$ (2mrks)

31. Round off
a) 74.06 to the nearest tenths. (2mrks)

b) A woman was born in 17BC and dies in 35 AD. How old was she when she dies? (2mrks)

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32. A P. 6 boy scored the following marks in beginning of term III exams.

MARKS	40	40	40	20	10
SUBJECTS	MTC	ENG	SCI	SST	RE

Find the

(i) Range (1mrk)

(ii) Median (2mrks)

(iii) Mean mark (3mrks)