1.40 = 4 = 4

2.
$$(\sqrt{m+7})^2 = 4^2$$

 $m+7=4 \times 4$
 $m+7=16$
 $m+7-7=16-7$
 $m=9$

 $v = 20^{\circ}$

5-2=3

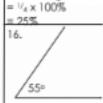
	2 trips = (12 x 59) _{passengers}
	= 708 passengers
1.1	2 + 5 (finito 6)

11.	2 + 5 (finite 6)
	= 7 (finite 6)
	7 + 6 = 1 rem. 1
	= 1 (finite 6)

12.								
rainfall	0	2	3	4	5	6		
freq	1	1	2	1	1	1		

= 1.54cm ²
14. 1 doz = 12 cups
11/2 dozens = 12 + 6 = 18 cup
6 cups cost Shs3,000
1 cup will cost Shs3,000 x 18
6
= Shs9.000

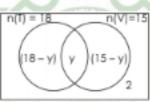
Percentage failure



17. 6 twenty thousand = 6 x Shs20,000 = Shs120.000

Distributive Property
 Jane's age

20. 2 five – fives and 3 fifths = (2 x 5 x 5) + 1/5 = 50^{2/c}



b),
$$18 - y + y + 15 - y + 2 = 30$$

 $18 + 15 + 2 - y = 30$
 $30 - y = 30$
 $35 - 30 = y$
 $y = 5$

The largest counting number being m

$$\frac{3m + 3 + 3 = 18 + 3}{3m} = \frac{21}{3}$$
m = 7

The smallest number = m - 2 = 7 - 2

So, the smallest number = 5 23al, L x W x H = V

P = 3cm.

b). Base area

$$= L \times W$$

= 20cm x 3cm

b). No. of boys

$$= 60 - 36$$

Difference in number

$$=60 - 24$$



Accurate diagram:

Must bear, all the information with accurate measurements.

Alinda's age in 15 years time.

= h + 15

$$= 16 + 15$$

Value of 6 in 39462

$$= 6 \times 10$$

= 60

```
But 32 + 7 4 rem. 4
                                   = 100km/hr
                                   32a). 253 = 11
3 - 4 (finite 7)
= (3 + 7) - 4(finite 7)
                                         23
= 10 - 4 (finite)
                                   bl. 3456 + 10 = 345.6
                                      345.6 + 10 = 34.56
= 6 (finite 7)
The day was Saturday.
                                      34.56 + 10 = 3.456
29.a), 48 months = 48 ÷ 12
                                      4.356 x 103
                 = 4 years
                                           Code - RM 21
                                                            EACHERS.
PxRxT
 = Shs300,000 x 5/1000 × 4
 = Shs40.000
b), Amount
   = principal + interest
   = Shs300,000 + Shs60,000
   = Shs360.000
30a). Let the sector angle for
     failures be p.
p + 120° + 150° + 60° = 360°
p + 330°
                  \sqrt{=360^{\circ}}
p + 330° - 330° = 360° - 330°
                = 30°
b). Number of candidates who
   passed in division one.
= 60° x 72
 3600

 12 candidates.

 c). Difference in angles

= 150° - 120°
= 30^{\circ}
Difference in No. of candidates
= 30° x 72
= 6 more candidates in Div. 1
 than Div.3
31a). 1km = 1000m
     36km = 36 x 1000m
          = 36.000 m
      1hr = 3600 seconds
 In m/s
          = 36,000m
             3600 seconds
          = 10 \, \text{m/s}
b). Time taken
    11:00<sub>am</sub>
   - 9:00cm
     2:00
Time taken = 2 hours
Average speed
= 200 km
  2hrs
```