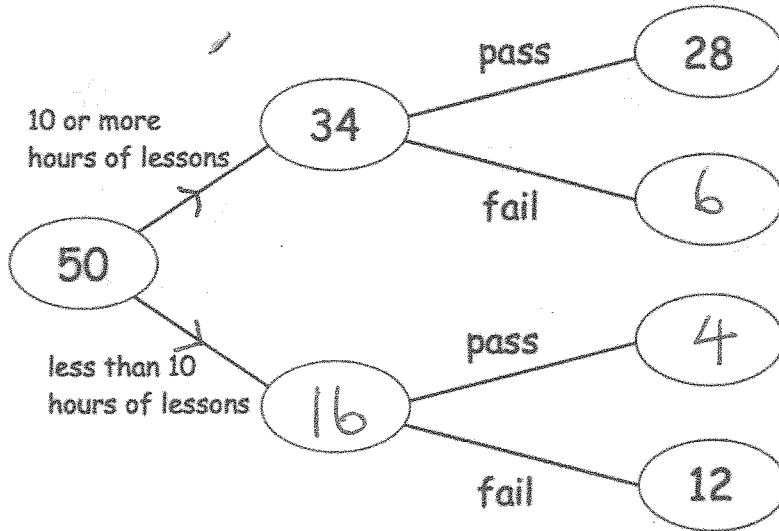


M3 = 19 days to go!

50 people sit their driving tests
Complete the frequency tree below



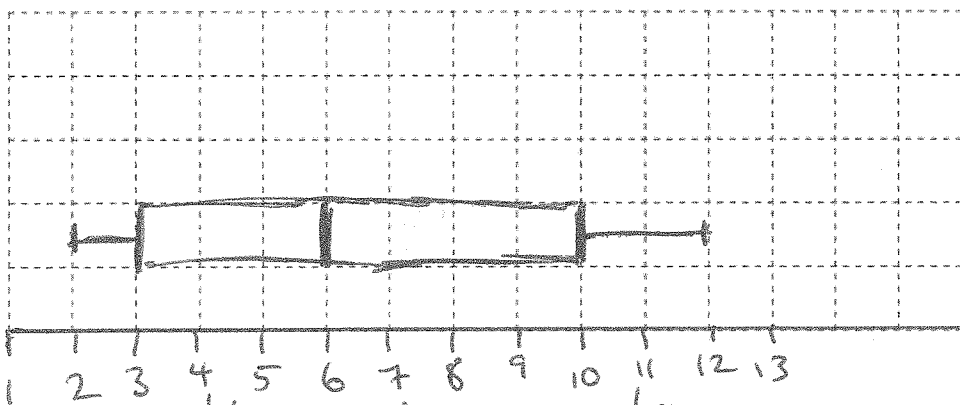
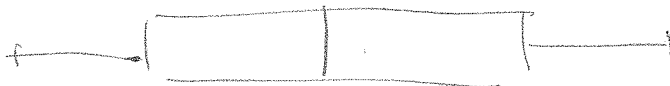
Each time
it splits up
the numbers
must add up

- 21 In a group of 11 pupils, the number of days absent from school was recorded as listed below.

~~1~~ ~~2~~ ~~3~~ ~~4~~ ~~5~~ ~~6~~ ~~7~~ ~~8~~ ~~9~~ ~~10~~ ~~11~~ ~~12~~

Draw a box plot for this data on the grid.

2 2 (3) 4 5 (6) 7 8 (10) 11 12
 ↑ LQ M UQ ↑ Biggest
 Smallest



You need a scale

[4]

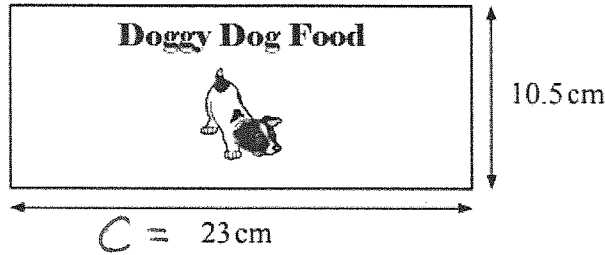
Tricky question!

23 The picture shows the dimensions of a label taken from a cylindrical tin of dog food.

The label covers all the curved surface of the tin with no overlap.

Calculate the volume of the tin.

so Radius = 3.66



$$V = \pi r^2 h$$

$$V = \pi \times 3.66^2 \times 10.5$$

$$V = 442$$

The label curls around the tin



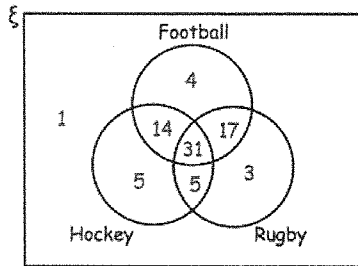
$$C = \pi d$$

$$23 = \pi d$$

$$7.32 = d$$

Answer 442 cm³ [4] (nearest cm³)

7. Jennifer asked 80 people which sports they enjoy from Football, Hockey and Rugby.



(a) How many people enjoy all three sports?

inside all 3 circles

31
(1)

(b) How many people enjoy football and hockey but not rugby?

overlap

14
(2)

(c) How many people enjoy football and rugby but not hockey?

17
(2)

(d) Work out which sport is enjoyed by the most number of people.

Football = 66 Rugby = 56 Hockey = 55
Ans Football