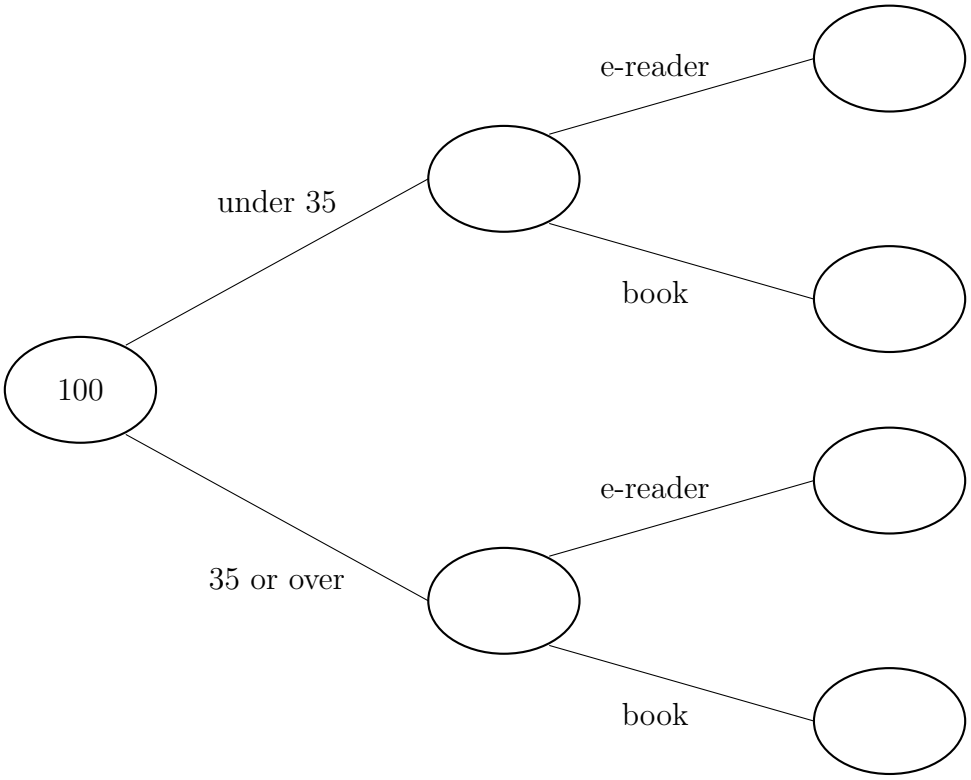
1. 100 on line users gave this information about the last novel they read.

   39 were aged 35 or over.

   54 were under 35 and read their last novel in e-reader format.

   29 read their last novel in book format.

   Use this information to complete the frequency tree.



2. Solve $3m - 11 = 7$

$m =$ .....

3. Solve $5(y - 7) = 10$

$y =$ .....

4. Solve $5x + 3 = x + 7$

$x =$ .....

Stuck? try these first

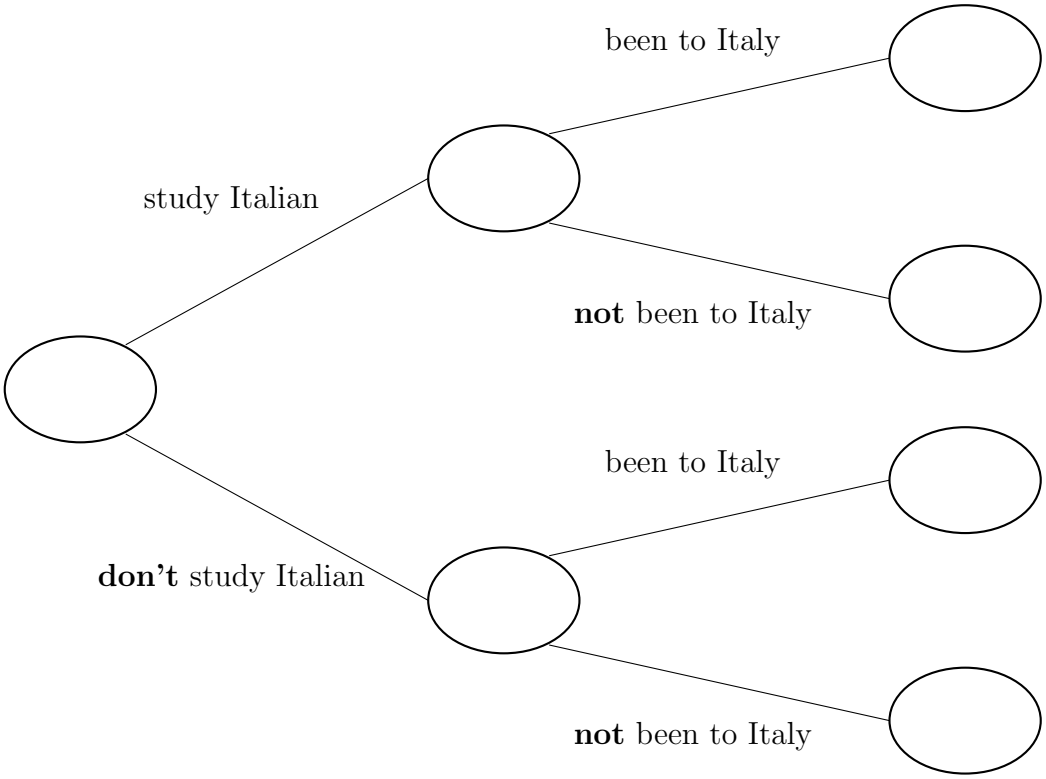
5. 200 students were asked whether they study Italian and if they had been to Italy.

   178 of the students **don't** study Italian.

   5 of the students who study Italian have **not** been to Italy.

   35 of the students who **don't** study Italian have been to Italy.

   (a) Use this information to complete the frequency tree.



   One of the students is chosen at random.

   (b) Work out the probability of that this student had **not** been to Italy.

(b) .....

6. Solve $x + 13 = 21$

$x =$ .....

7. Solve $y + 6 = 9$

$y =$ .....

8. One weekend 70 children attend an orchestra master class.

   Each child can only study one instrument.

   The two-way table gives some information about their studies on the weekend.

	String	Brass	Other	Total
Boys	13	11		
Girls			1	
Total	51		5	70

   (a) Complete the two-way table.

   One of the children is chosen at random.

   (b) Write down the probability that this child did the string masterclass.

(b) .....

9. Solve $4s = 36$

$s =$ .....

10. Solve $\frac{d}{2} = 10$

$d =$ .....