

QUESTION 1

1.1.1. The following table shows the number of students who took part in a school sports day. The students were divided into three groups: Group A, Group B and Group C.

1.1.2. Calculate the probability that a student chosen at random from Group A will be a boy.

1.1.3. Calculate the probability that a student chosen at random from Group B will be a girl.

SOLUTION

1.1.1. The following table shows the number of students who took part in a school sports day. The students were divided into three groups: Group A, Group B and Group C.

1.1.2. Calculate the probability that a student chosen at random from Group A will be a boy.

1.1.3. Calculate the probability that a student chosen at random from Group B will be a girl.

1.1.4. Calculate the probability that a student chosen at random from Group C will be a boy.

1.1.5. Calculate the probability that a student chosen at random from Group C will be a girl.

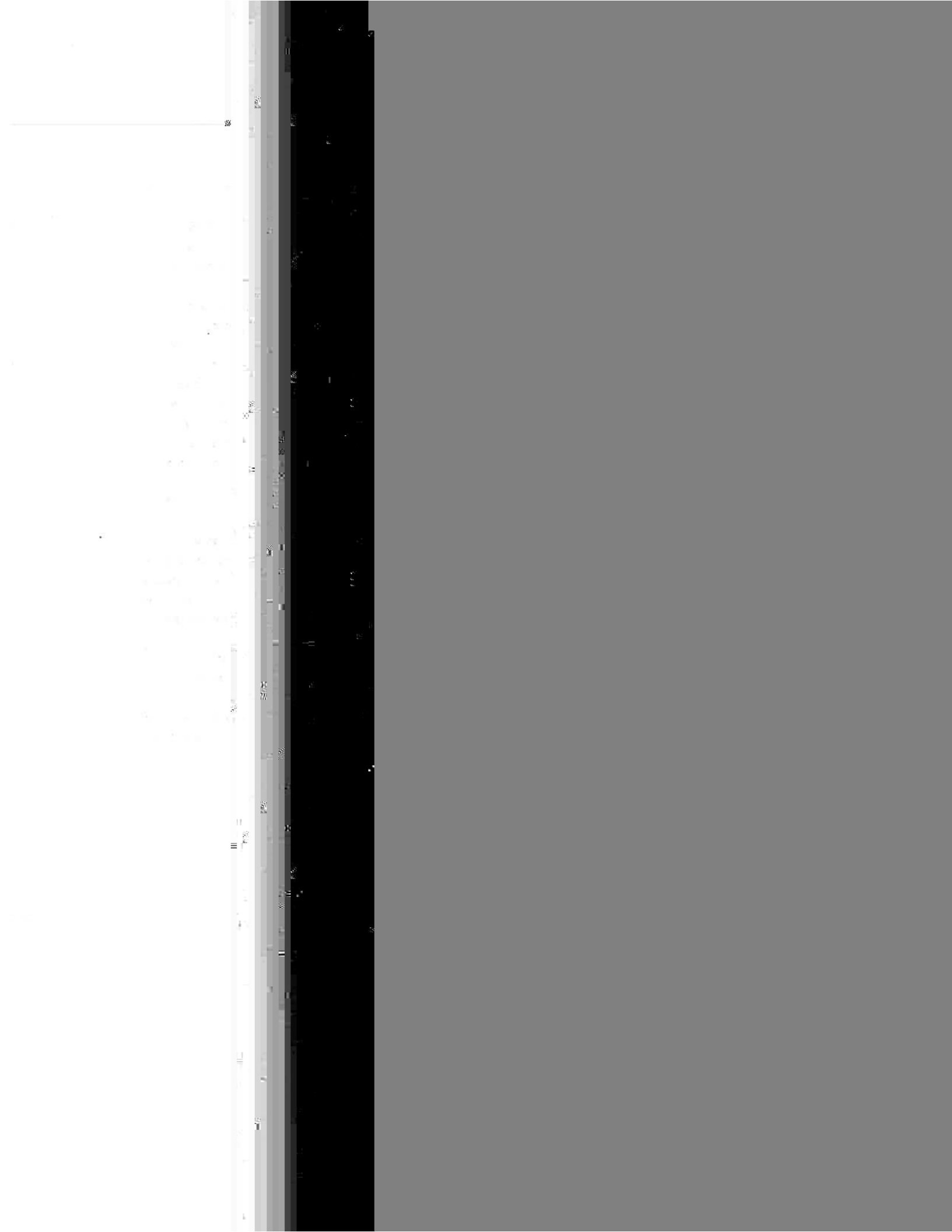
1.1.6. Calculate the probability that a student chosen at random from Group C will be a boy or a girl.

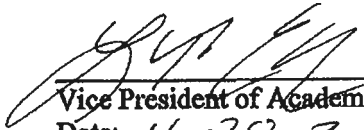
1.1.7. Calculate the probability that a student chosen at random from Group C will be a boy and a girl.

1.1.8. Calculate the probability that a student chosen at random from Group C will be a boy or a girl and not both.

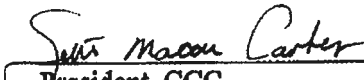
Group	Boys	Girls	Total
Group A	15	10	25
Group B	10	15	25
Group C	10	10	20

1.1.9. Calculate the probability that a student chosen at random from Group C will be a boy and a girl.

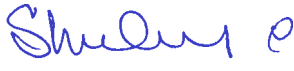




Vice President of Academic Affairs, CCC
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President, CCC
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