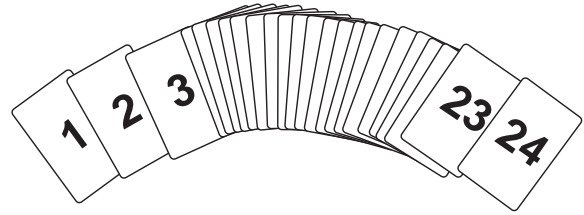


5. A set of 24 cards are numbered from 1 to 24.

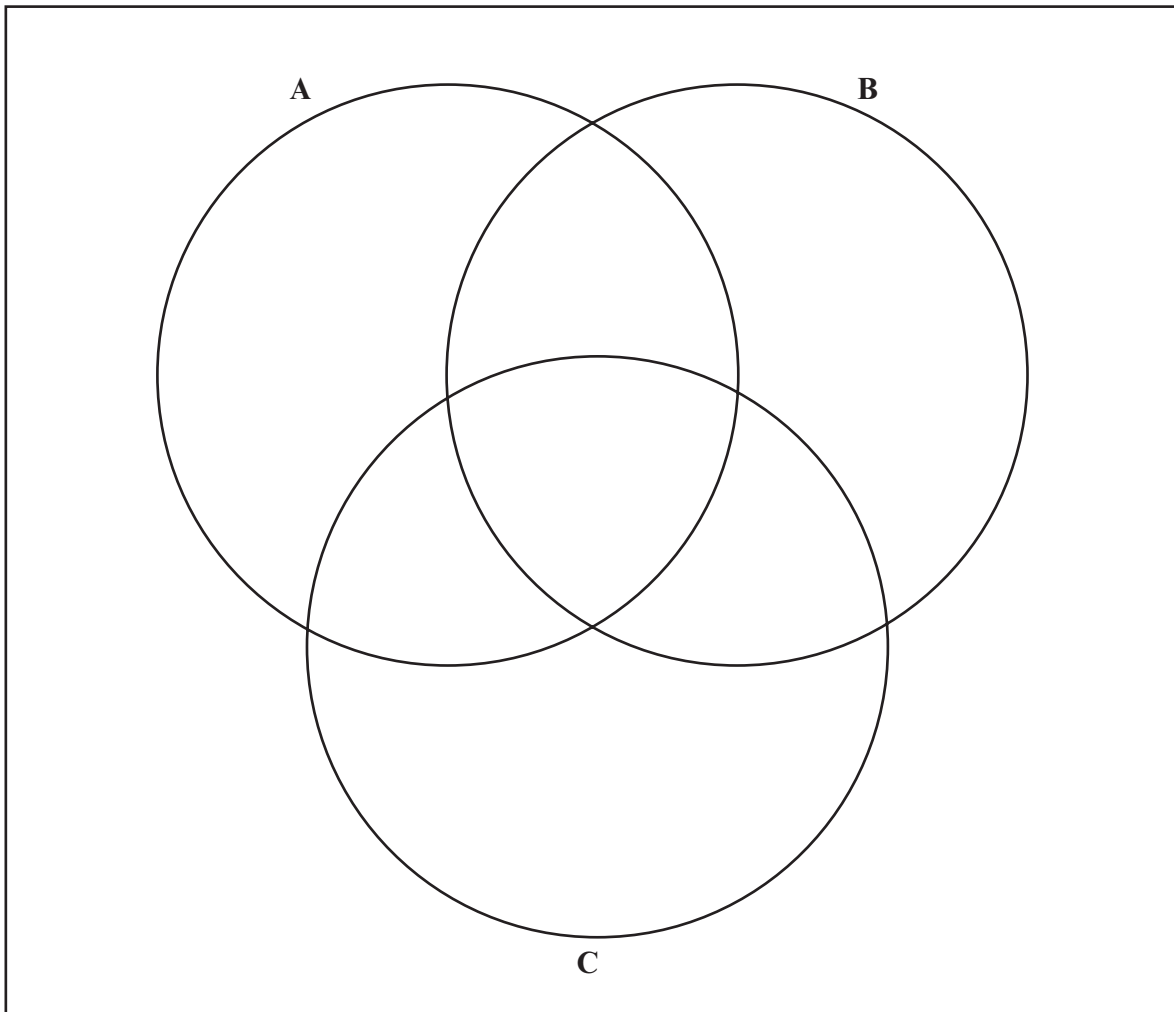
Set **A** are the cards with the even numbers from 2 to 24 inclusive.

Set **B** are the cards with the multiples of three from 3 to 24 inclusive.

Set **C** are the cards with the multiples of four from 4 to 24 inclusive.



- (a) Complete the Venn diagram.



.....

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.....

.....

[5]

(b) One card from the pack of 24 cards is selected at random.
Find the probability that the card chosen is

(i) a multiple of 3,

.....
.....

[1]

(ii) odd,

.....
.....

[1]

(iii) a multiple of 3, or a multiple of 4, or a multiple of both 3 and 4.

.....
.....
.....
.....

[1]

[3]