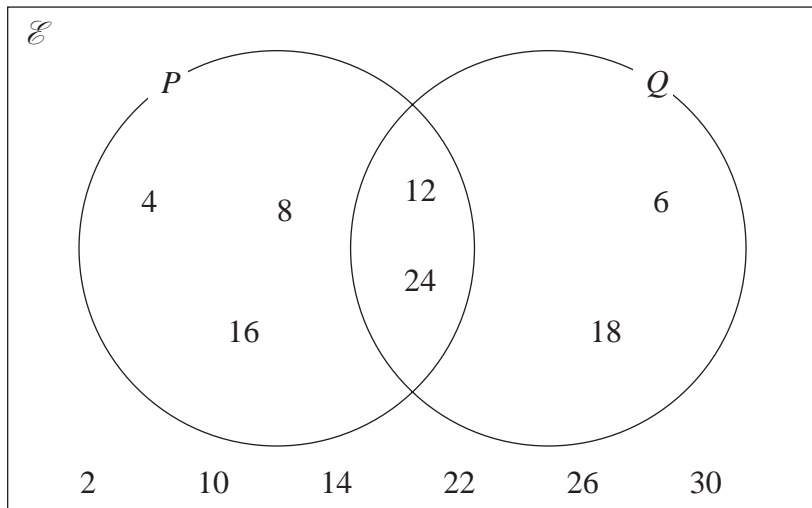


23 Here is a Venn diagram.



(a) Write down the numbers in set

(i) $P \cap Q$

.....
(1)

(ii) $P \cup Q$

.....
(1)

(b) How many numbers are in set P' ?

.....
(1)

A number is chosen at random from the universal set \mathcal{E}

(c) Find the probability that the number is in set $P \cap Q$

.....
(2)