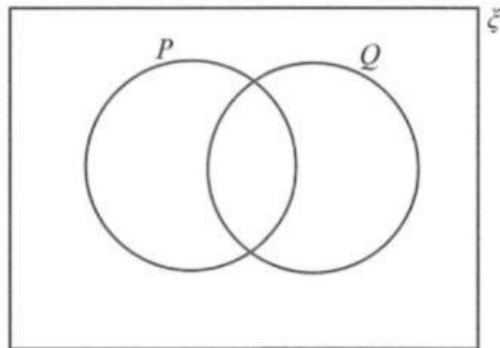


7. $\xi = \{x \text{ is an integer: } 20 \leq x < 30\}$
 $P = \{\text{multiples of 3}\}$
 $Q = \{\text{even numbers}\}$

(a)



Complete the Venn-diagram to show the above information.

[4]

- (b) List the set P .

Answer: { _____ } [1]

- (c) Find $n(Q)$.

Answer: _____ [1]

-
8. Ashley wants to buy a video game which costs \$39.95.

She saved:

- 3 \$5 notes,
- 12 \$1 notes,
- 23 25¢ coins.

Determine if Ashley has enough money to buy the video game.
Show working to support your answer.



Answer: _____ [3]

[Turn over]