

NAME _____ DATE _____

COURSEWORK QUESTION #1

1. Complete the following. (Type your answers separated by a comma. No spaces)

Given $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15\}$

$P = \{2, 3, 5, 7, 9, 11, 13\}$ $Q = \{3, 6, 9, 12, 15\}$

a) $P \cap Q = \{ \rule{1cm}{0.4pt} \}$

b) $P \cup Q = \{ \rule{1.5cm}{0.4pt} \}$

c) $(P \cup Q)' = \{ \rule{1.5cm}{0.4pt} \}$

d) Q only = $\{ \rule{1cm}{0.4pt} \}$

Complete the Venn Diagram with the information given above.

