

Venn Diagram

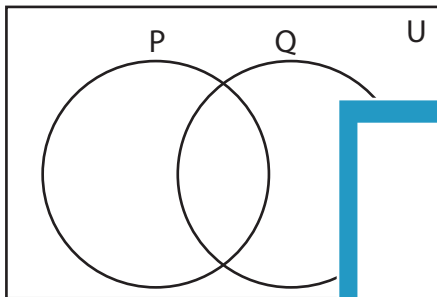
L2S2

Complete the Venn diagram.

1) $Q = \{1, 3, 4, 6, 15, 29, 32, 43, 47\}$

$Q \cup P = \{1, 3, 4, 6, 8, 12, 15, 27, 29, 31, 32, 43, 47\}$

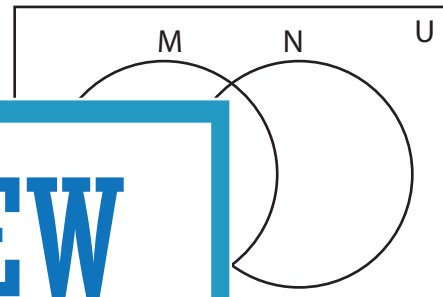
$P \cap Q = \{1, 3, 4, 43\}$



2) $U = \{2, 5, 9, 11, 13, 14, 19, 21, 22, 34, 35, 41, 46\}$

$M' = \{2, 5, 13, 14, 34, 35, 41\}$

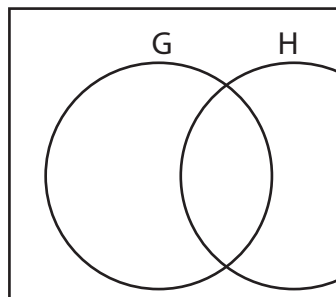
$N = \{5, 14, 19, 22, 34, 41\}$



3) $U = \{4, 7, 8, 17, 24, 25, 30, 37, 45\}$

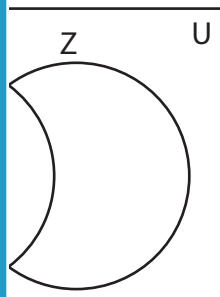
$G' = \{8, 17, 39, 44\}$

$H' = \{4, 8, 24, 30, 42\}$



$Z = \{9, 12, 18, 23, 36, 37, 45, 49\}$

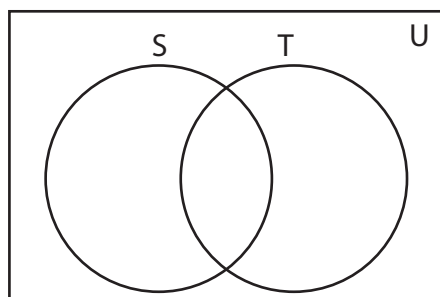
$U = \{10, 17, 20, 22, 29, 34, 37, 42, 44\}$



5) $U = \{1, 2, 3, 5, 9, 14, 16, 20, 31, 45\}$

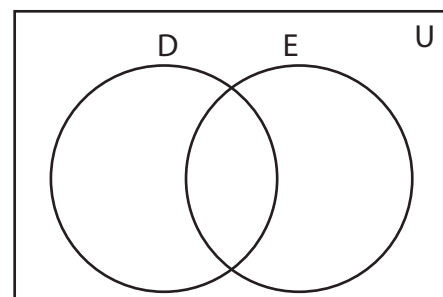
$S = \{2, 5, 14, 16, 26, 33, 40\}$

$T = \{3, 5, 16, 20, 31, 45\}$



$D = \{3, 6, 8, 10, 20, 22, 34\}$

$E' = \{3, 4, 22, 34, 44\}$



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Answer key

Venn Diagram

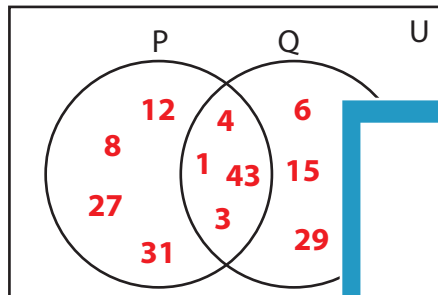
L2S2

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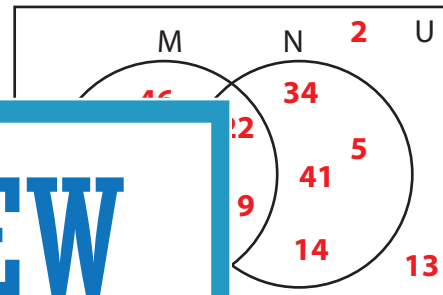
$P \cap Q = \{1, 3, 4, 43\}$



2) $U = \{2, 5, 9, 11, 13, 14, 19, 21, 22, 34, 35, 41, 46\}$

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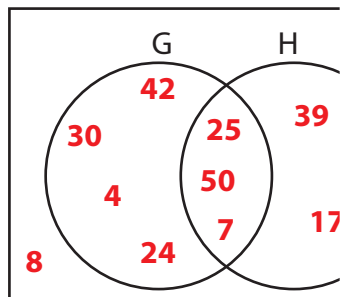
$N = \{5, 14, 19, 22, 34, 41\}$



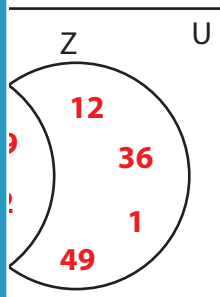
3) $U = \{4, 7, 8, 17, 24, 25, 30, 39, 42, 49\}$

$G' = \{8, 17, 39, 44\}$

$H' = \{4, 8, 24, 30, 42\}$



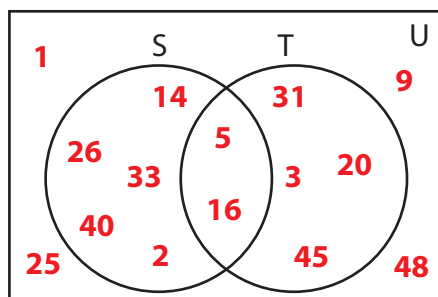
$Z = \{9, 12, 18, 23, 36, 37, 45, 49\}$



5) $U = \{1, 2, 3, 5, 9, 14, 16, 20, 25, 31, 45, 48\}$

$S = \{2, 5, 14, 16, 26, 33, 40\}$

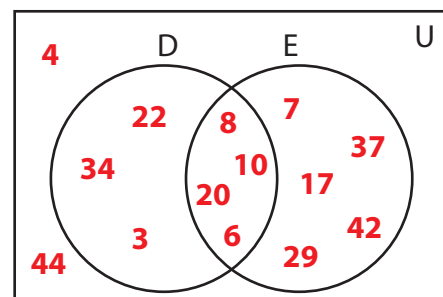
$T = \{3, 5, 16, 20, 31, 45\}$



$D = \{10, 17, 20, 22, 29, 34, 37, 42, 44\}$

$D = \{3, 6, 8, 10, 20, 22, 34\}$

$E' = \{3, 4, 22, 34, 44\}$



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