

Venn Diagram

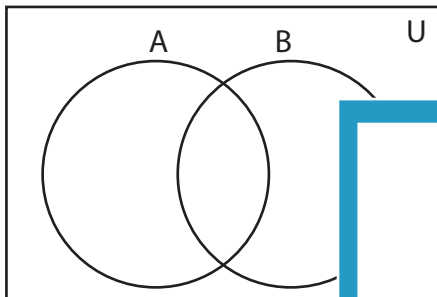
L2S1

Complete the Venn diagram.

1) $U = \{1, 3, 5, 9, 11, 15, 17, 21, 23, 30, 38, 42, 45, 50\}$

$A = \{1, 5, 9, 15, 17, 23, 45\}$

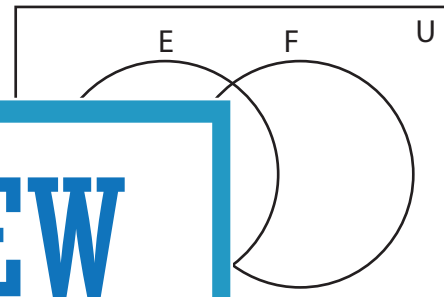
$B' = \{5, 17, 30, 45, 50\}$



2) $E = \{2, 4, 10, 14, 20, 27, 33, 36\}$

$E \cup F = \{2, 4, 6, 8, 10, 14, 20, 24, 27, 33, 35, 36\}$

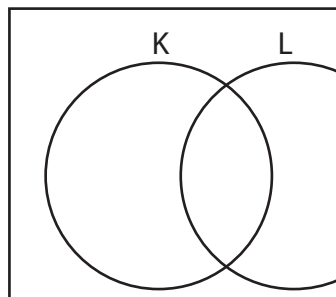
$E \cap F = \{2, 10, 20\}$



3) $U = \{2, 5, 6, 7, 9, 12, 16, 22, 28, 34, 40, 46, 52\}$

$K' = \{7, 9, 12, 16, 22, 28, 40, 46, 52\}$

$L = \{5, 9, 12, 16, 22, 25, 49, 55\}$



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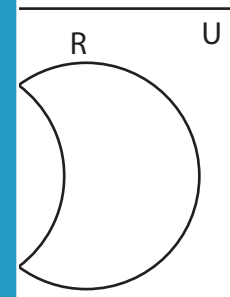
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$R = \{10, 13, 19, 26, 30, 32, 41, 43, 48\}$

$S = \{0, 32, 41, 48\}$

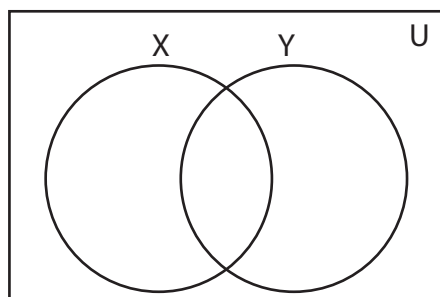
$T = \{9, 26, 32, 48\}$



5) $Y = \{3, 6, 7, 12, 26, 37, 45\}$

$X \cap Y = \{3, 7, 37\}$

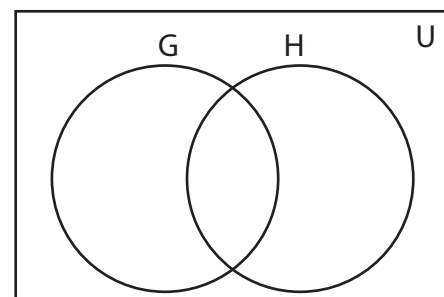
$X \cup Y = \{1, 3, 6, 7, 9, 12, 18, 26, 37, 39, 45\}$



$Z = \{9, 21, 24, 30, 33, 34, 49, 50\}$

$G = \{4, 5, 8, 16, 24, 34, 50\}$

$H = \{4, 8, 30, 33, 49\}$



Answer key

Venn Diagram

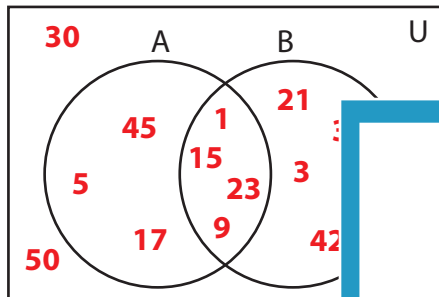
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Complete the Venn diagram.

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$A = \{1, 5, 9, 15, 17, 23, 45\}$

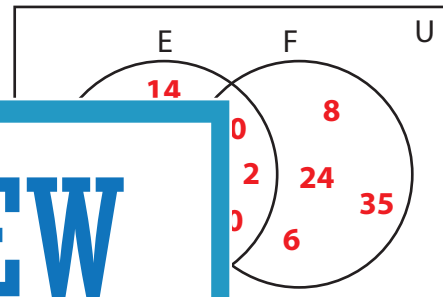
$B' = \{5, 17, 30, 45, 50\}$



2) $E = \{2, 4, 10, 14, 20, 27, 33, 36\}$

$E \cup F = \{2, 4, 6, 8, 10, 14, 20, 24, 27, 33, 35, 36\}$

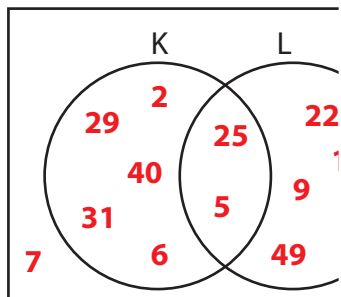
$E \cap F = \{2, 10, 20\}$



3) $U = \{2, 5, 6, 7, 9, 12, 16, 22, 28, 32, 38, 41, 43, 48\}$

$K' = \{7, 9, 12, 16, 22, 28, 40, 41, 43, 48\}$

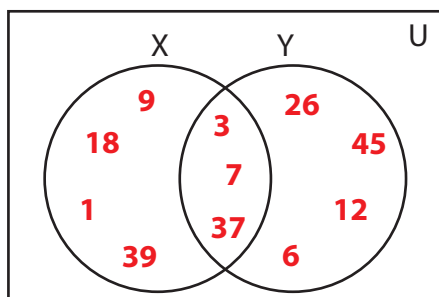
$L = \{5, 9, 12, 16, 22, 25, 49\}$



5) $Y = \{3, 6, 7, 12, 26, 37, 45\}$

$X \cap Y = \{3, 7, 37\}$

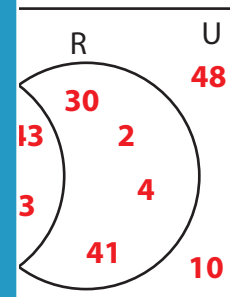
$X \cup Y = \{1, 3, 6, 7, 9, 12, 18, 26, 37, 39, 45\}$



$G = \{4, 5, 8, 16, 24, 34, 50\}$

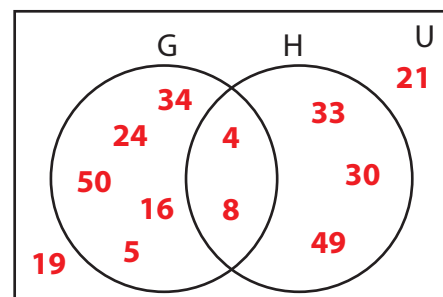
$H = \{4, 8, 30, 33, 49\}$

$R = \{13, 3, 41, 10\}$



$G = \{4, 5, 8, 16, 24, 34, 50\}$

$H = \{4, 8, 30, 33, 49\}$



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