

## Venn Diagram

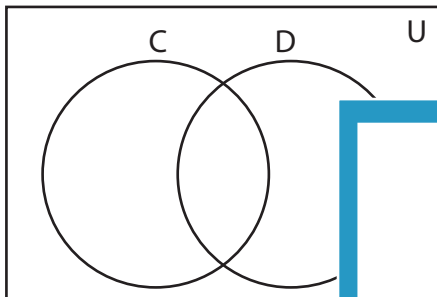
L2S5

Complete the Venn diagram.

1)  $U = \{1, 5, 14, 16, 18, 20, 22, 24, 26, 28, 30, 31, 32\}$

$C' = \{14, 16, 18, 24, 26, 31, 32\}$

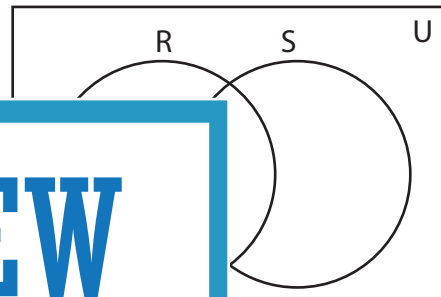
$D = \{18, 22, 26, 31, 32\}$



2)  $U = \{1, 3, 5, 7, 8, 11, 15, 19, 21, 22, 27, 55\}$

$R' = \{5, 7, 8, 21, 27\}$

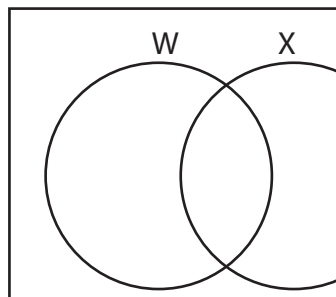
$S' = \{1, 5, 8, 11, 19\}$



3)  $U = \{3, 4, 6, 7, 10, 12, 13, 14, 15, 16, 18, 20, 22, 24, 28, 32, 36, 40, 48\}$

$W = \{3, 4, 13, 24, 36\}$

$X = \{3, 6, 7, 14, 15\}$



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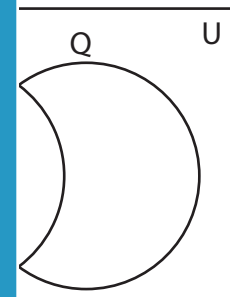
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$Q = \{24, 28, 32, 36, 40, 48\}$

$R = \{32, 40\}$

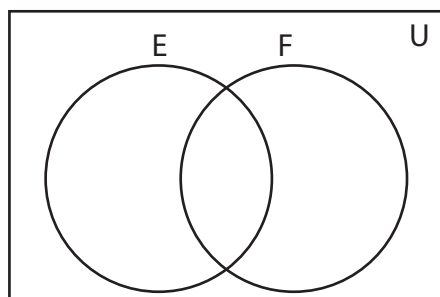
$S = \{10, 48\}$



5)  $F = \{2, 4, 16, 18, 30, 64\}$

$E \cap F = \{2, 16\}$

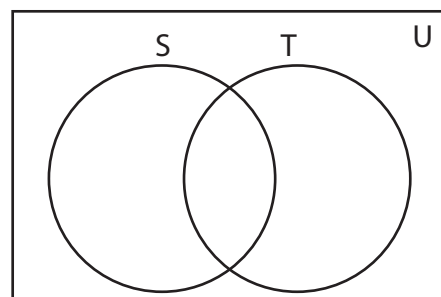
$E \cup F = \{1, 2, 4, 5, 8, 16, 18, 30, 32, 64\}$



$T = \{4, 55, 99\}$

$S \cup T = \{11, 12, 22, 24, 33, 36, 44, 55, 66, 77, 99\}$

$S \cap T = \{11, 22, 55\}$



## Answer key

### Venn Diagram

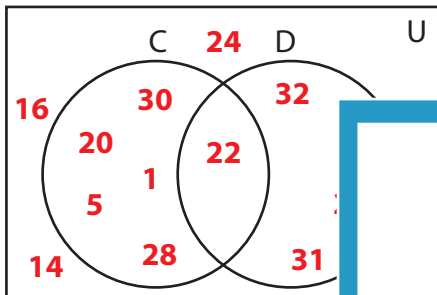
L2S5

Complete the Venn diagram.

1)  $U = \{1, 5, 14, 16, 18, 20, 22, 24, 26, 28, 30, 31, 32\}$

$C' = \{14, 16, 18, 24, 26, 31, 32\}$

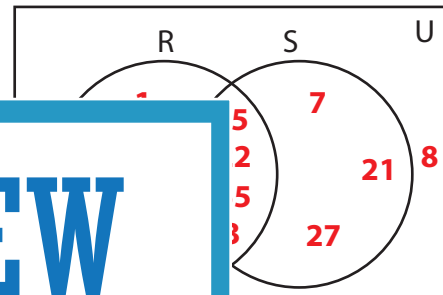
$D = \{18, 22, 26, 31, 32\}$



2)  $U = \{1, 3, 5, 7, 8, 11, 15, 19, 21, 22, 27, 55\}$

$R' = \{5, 7, 8, 21, 27\}$

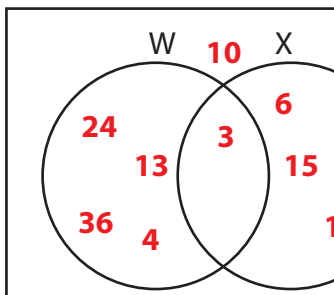
$S' = \{1, 5, 8, 11, 19\}$



3)  $U = \{3, 4, 6, 7, 10, 12, 13, 14, 15, 24, 28, 32, 36, 40, 48\}$

$W = \{3, 4, 13, 24, 36\}$

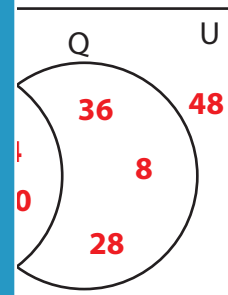
$X = \{3, 6, 7, 14, 15\}$



$Q = \{10, 12, 13, 14, 15, 24, 28, 32, 36, 40, 48\}$

$R = \{3, 4, 13, 24, 36\}$

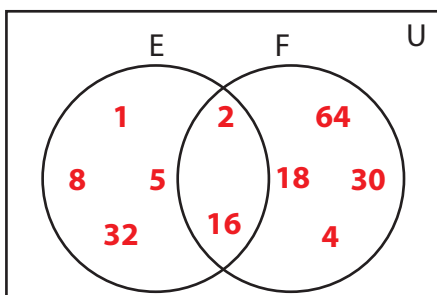
$S = \{10, 12, 13, 14, 15\}$



5)  $F = \{2, 4, 16, 18, 30, 64\}$

$E \cap F = \{2, 16\}$

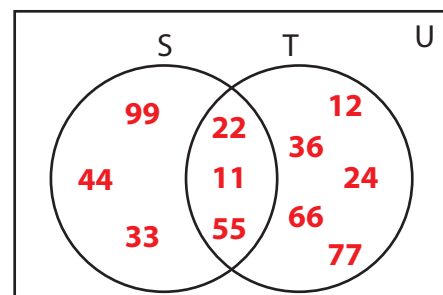
$E \cup F = \{1, 2, 4, 5, 8, 16, 18, 30, 32, 64\}$



$T = \{4, 55, 99\}$

$S \cup T = \{11, 12, 22, 24, 33, 36, 44, 55, 66, 77, 99\}$

$S \cap T = \{11, 22, 55\}$



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