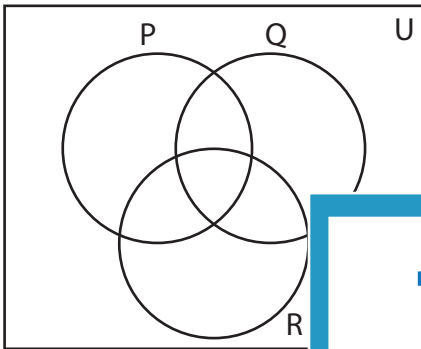


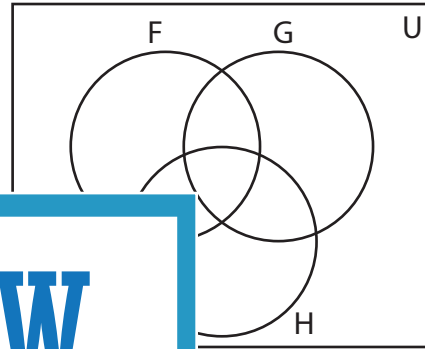
## Venn Diagram

Complete the Venn diagram.

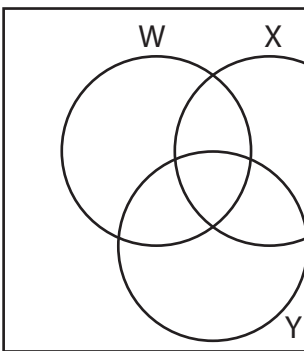
- 1)  $U = \{5, 6, 8, 9, 10, 15, 25, 32, 37, 44\}$   
 $P = \{5, 8, 25, 44\}$   
 $Q = \{6, 10, 15, 44\}$   
 $R = \{5, 15, 25, 32, 37, 44\}$



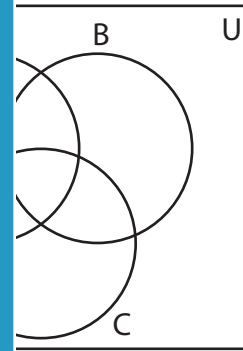
- 2)  $U = \{21, 27, 33, 39, 41, 43, 45, 52, 66\}$   
 $F = \{21, 27, 33\}$   
 $G = \{27, 39, 43\}$   
 $H = \{43, 45, 52\}$



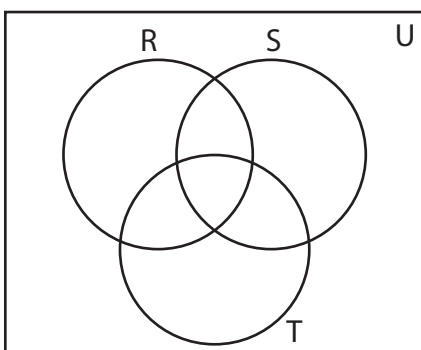
- 3)  $U = \{1, 3, 6, 9, 11, 14, 17, 20, 22, 26, 27, 30\}$   
 $W = \{1, 6, 9, 11, 14, 34\}$   
 $X = \{1, 11, 14, 19, 25, 33, 34\}$   
 $Y = \{1, 14, 25, 28, 30, 33, 34\}$



- $B = \{12, 15, 17, 20, 22, 26, 27, 30\}$   
 $C = \{2, 26\}$   
 $D = \{26, 30\}$

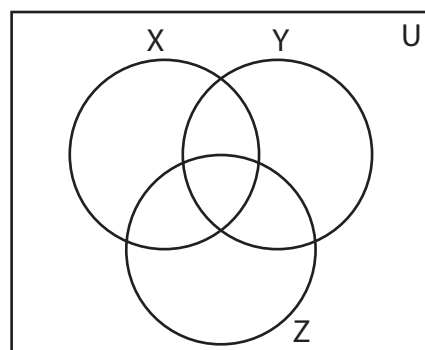


- 5)  $U = \{34, 45, 47, 48, 49, 55, 56, 58, 60, 64, 75\}$   
 $R = \{34, 45, 47, 49, 55\}$   
 $S = \{47, 49, 56, 58, 70, 75\}$   
 $T = \{47, 55, 58, 64, 75\}$



- $B = \{45, 49, 52, 56, 60\}$   
 $C = \{49\}$

- $Y = \{39, 45, 52, 60\}$   
 $Z = \{45, 49, 56, 60\}$



# PREVIEW

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## Answer key

### Venn Diagram

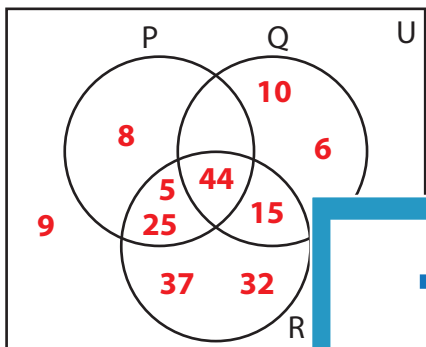
Complete the Venn diagram.

1)  $U = \{5, 6, 8, 9, 10, 15, 25, 32, 37, 44\}$

$P = \{5, 8, 25, 44\}$

$Q = \{6, 10, 15, 44\}$

$R = \{5, 15, 25, 32, 37, 44\}$

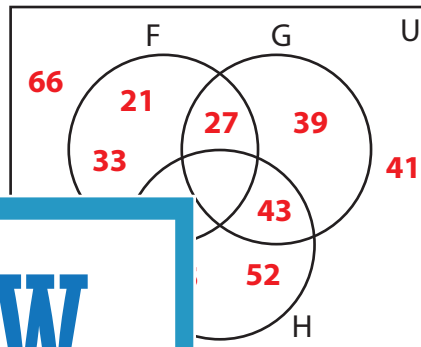


2)  $U = \{21, 27, 33, 39, 41, 43, 45, 52, 66\}$

$F = \{21, 27, 33\}$

$G = \{27, 39, 43\}$

$H = \{43, 45, 52\}$

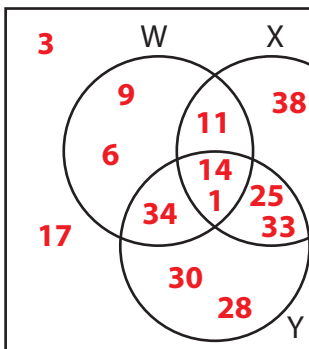


3)  $U = \{1, 3, 6, 9, 11, 14, 17, 20, 22, 26, 27, 30\}$

$W = \{1, 6, 9, 11, 14, 34\}$

$X = \{1, 11, 14, 19, 25, 33, 38\}$

$Y = \{1, 14, 25, 28, 30, 33, 34\}$



$12, 15, 17, 20, 22, 26, 27, 30\}$

$30\}$

$2, 26\}$

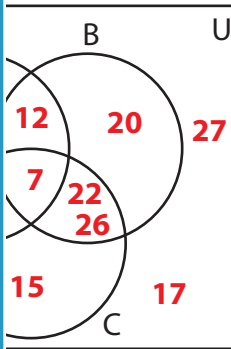
$26, 30\}$

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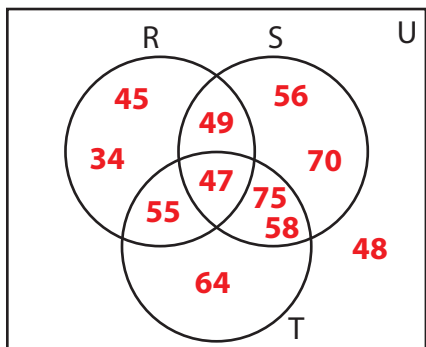


5)  $U = \{34, 45, 47, 48, 49, 55, 56, 58, 60, 64, 65, 70, 75\}$

$R = \{34, 45, 47, 49, 55\}$

$S = \{47, 49, 56, 58, 70, 75\}$

$T = \{47, 55, 58, 64, 75\}$



$45, 49, 52, 56, 60\}$

$49\}$

$Y = \{39, 45, 52, 60\}$

$Z = \{45, 49, 56, 60\}$

