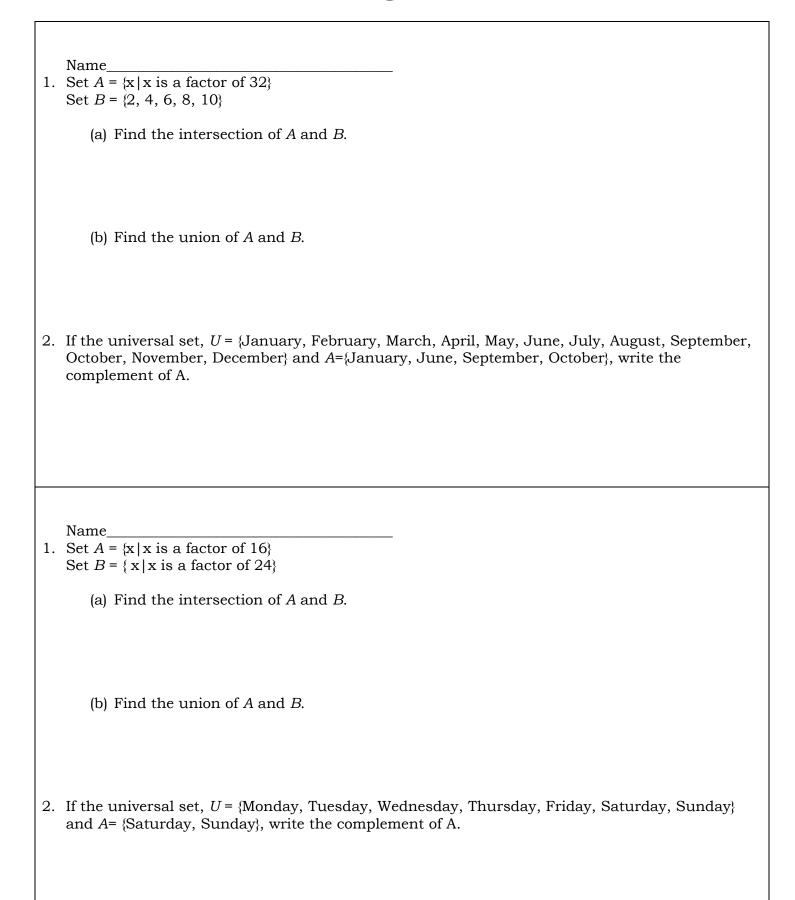
Orange: Sets



1	Name Set $A = \{x \mid x \text{ is a factor of } 42\}$
1.	Set $B = \{1, 3, 5, 7, 9\}$
	(a) Find the intersection of A and B.
	(b) Find the union of A and B .
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2.	If the universal set, $U = \{\text{apple, coconut, peach, blueberry, cherry, strawberry}\}$ and $A = \{\text{apple, coconut, blueberry, cherry}\}$, write the complement of A.
	Na
1.	Name Set A = {1, 3, 5, 7, 9} Set B = {2, 4, 6, 8, 10}
	(a) Find the intersection of A and B.
	(b) Find the union of A and B.

2. If the universal set, $U = \{\text{soccer, basketball, football, lacrosse, hockey, golf, cheerleading}\}$ and

A={lacrosse, hockey, golf}, write the complement of A.

Orange: Sets

Name Key

1. Set $A = \{x \mid x \text{ is a factor of } 32\} \longrightarrow \{1, 2, 4, 8, 16, 32\}$ Set $B = \{2, 4, 6, 8, 10\}$

(a) Find the intersection of A and B.

AnB= {2,4,83

(b) Find the union of A and B.

 If the universal set, U = ¡January, February, March, April, May, June, July, August, September, October, November, December) and A=¡January, June, September, October], write the complement of A.

Name Key

1. Set $A = \langle x | x \text{ is a factor of } 16 \rangle$ Set $B = \langle x | x \text{ is a factor of } 24 \rangle$ $\begin{cases} 21, 2, 4, 8, 16 \end{cases}$ $\begin{cases} 21, 2, 3, 4, 6, 8, 12, 24 \end{cases}$

(a) Find the intersection of A and B.

An B= 21,2,4,83

(b) Find the union of A and B.

AUB= {1,2,3,4,6,8,12,16,243

 If the universal set, U = {Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday} and A= {Saturday, Sunday}, write the complement of A.

A'- & Menday, Tuesday, Wednesday, Thursday, Friday 3

Name Key

1. Set
$$A = \{x \mid x \text{ is a factor of } 42\} \longrightarrow \{1, 2, 3, 6, 7, 12, 21, 423\}$$
Set $B = \{1, 3, 5, 7, 9\}$

(a) Find the intersection of A and B.

(b) Find the union of A and B.

If the universal set, U = {apple, coconut, peach, blueberry, cherry, strawberry} and A={ apple, coconut, blueberry, cherry }, write the complement of A.

Set B = (2, 4, 6, 8, 10)

(a) Find the intersection of A and B.

(b) Find the union of A and B.

 If the universal set, U = (soccer, basketball, football, lacrosse, hockey, golf, cheerleading) and A=(lacrosse, hockey, golf), write the complement of A.