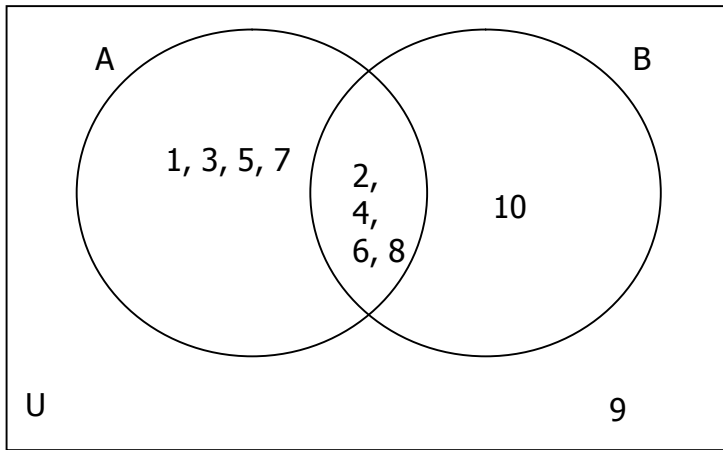


MA 110 WORKSHEET (7.2)

Name _____

1. Use the Venn Diagram to answer the following:



List the elements in each of the following sets.

A. $A \cap B$

B. A

C. B

D. $A \cup B$

E. U

F. $A' \cap B$

2. A survey of 800 small businesses indicates that 250 own photocopiers, 420 own fax machines, and 180 own both machines.

A. Draw a Venn diagram containing 2 circles that displays the given information.

B. How many small business own only a photocopier (and not a fax)?

C. How many small business don't own either machine?