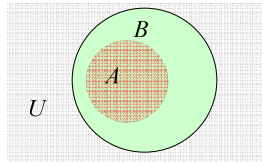


Subsets of a Set

Set A is a subset of set B if every element of A is also an element of B . In symbols this is written $A \subseteq B$. Think about \leq , less than or equal to.



Aug 29-7:29 AM

Example: Subsets

Fill in the blank with \subseteq or $\not\subseteq$ to make a true statement.

- a) $\{a, b, c\}$ $\underline{\hspace{1cm}}$ $\{a, c, d, e, f\}$
- b) $\{1, 3, 4\}$ $\underline{\hspace{1cm}}$ $\{1, 2, 3, 4\}$



Aug 29-7:29 AM

- a) Create a set O and display it as a list of elements.
- b) Describe the list using set notation.
- c) Name at least 3 subsets of your set.

Jan 25-8:06 AM

Warm Ups 1/28/2014

① Find all angles and side

A right-angled triangle with vertices A, B, and C. The right angle is at vertex B. Side AB is labeled x , side BC is labeled 4 , and the hypotenuse AC is labeled $x+2$.

Jan 28-8:36 AM
