

1. Undefined terms, postulates, definitions

2. a. Definitions

3. a. yes
b. NO

4. Theorem or definition?

a. Theorem b. Definition

5. Write the converse

i. If A, then B If B, then A (true or false)

ii. Rain \Rightarrow Wet Wet \Rightarrow Rain (false)

iii. If an angle is a 45° angle, then it is acute If an angle is acute then it is 45°
(false)

iv. If a point is a midpt of a seg. it divides the seg. into 2 \cong segs If a point divides a seg into 2 \cong segs then it is a midpt. of the seg.
(true)

#8 YES-deducible

#9 NO, $\angle C$ is not necessarily acute

#10 NO, not necessarily a BUS (reasoning from converse)

#11 NO (reasoning from converse)

#12 YES

#14 Wendy - Purple Monkey

Katie - Red Crocodile

Jody - Green Lizard