

MATHEMATICS 8
QUARTER 2
QUIZ #8

Supply the missing information

Given: $\angle 3$ and $\angle 1$ are complementary angles $m\angle 1$
+ $m\angle 2 = 90$

Prove: $\angle 3 \cong \angle 2$

Proof:

Statements

Reasons

1. $m\angle 1 + m\angle 2 = 90$

1. $m\angle 1$ and $m\angle 2$ are complementary angles.

2. $m\angle 1$ and $m\angle 2$ are complementary angles. 2. $m\angle 1 + m\angle 2 = 90$

3. $\angle 3 \cong \angle 2$ are complementary angles.

3. Given

4. $\angle 3 \cong \angle 2$
congruent.

4. Angles that are complements of the same angle are