Congruent Supplements and Complements

Write the correct “if-then” statements for the following.

Z

Y

W

X

1. Given: comp. to 
  comp. to 
 
Prove: 

*m*

*n*

1

1. Given: 
Prove:  is a right ∠

C

D

A

B

1. Given:  is a straight ∠
Prove:  is supp. to 
2. Given:  is supp. to 
  is supp. to 
 
Prove: 

4

3

1

2

1. Given:  is comp. to 
  is comp. to 
Prove: 

3

1

2

1. Given:  is a right ∠
Prove:  is comp. to 

X

1

2

E

A

B

1

2

C

A

1. Given:  is comp. to 
Prove:  is a right 

1

2

3

1. Given:  is supp. to 
  is supp. to 
Prove: 

1

*m*

*n*

1. Given:  is a right 
Prove: 
2. Given:  is comp. to 
  is comp. to 
Prove: 

3

4

5

|  |  |
| --- | --- |
| *Statements* | *Reasons* |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

R

M

K

O

P

1. Given: 
 
 
Prove: 

|  |  |
| --- | --- |
| *Statements* | *Reasons* |
|  |  |
|  |  |
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