CONGRUENT TRIANGLES

Triangles that are congruent (≅) are exactly the same shape and size. All of the corresponding parts are ≅.

In this exercise you will determine congruent triangles. You will cut them out, match the sets of congruent triangles and tape them down together. You will write a congruent statement and then you will list all of the corresponding parts.

1.

Δ ≅ Δ

<_____ corresponds to <_____
<_____ corresponds to <_____
<_____ corresponds to <_____
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___

2.

Δ ≅ Δ

<_____ corresponds to <_____
<_____ corresponds to <_____
<_____ corresponds to <_____
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___

3.

Δ ≅ Δ

<_____ corresponds to <_____
<_____ corresponds to <_____
<_____ corresponds to <_____
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___

4.

Δ ≅ Δ

<_____ corresponds to <_____
<_____ corresponds to <_____
<_____ corresponds to <_____
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___

5.

Δ $\cong \Delta$

<_____ corresponds to <_____
<_____ corresponds to <_____
<_____ corresponds to <_____
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___

6.

Δ $\cong \Delta$

<_____ corresponds to <_____
<_____ corresponds to <_____
<_____ corresponds to <_____
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___

7.

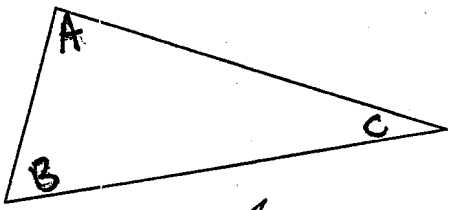
Δ $\cong \Delta$

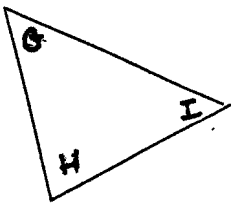
<_____ corresponds to <_____
<_____ corresponds to <_____
<_____ corresponds to <_____
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___

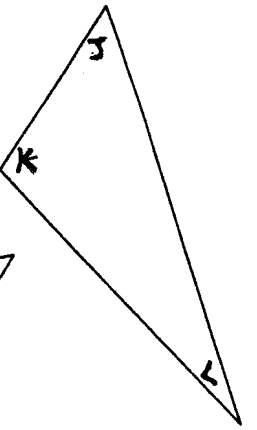
8.

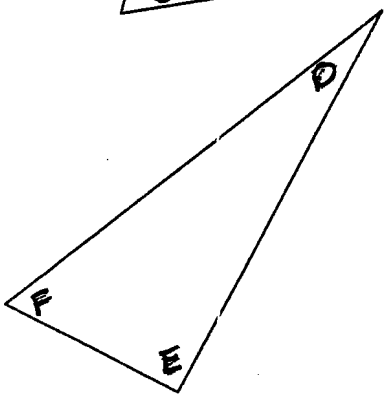
Δ $\cong \Delta$

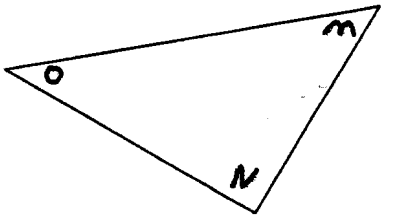
<_____ corresponds to <_____
<_____ corresponds to <_____
<_____ corresponds to <_____
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___
Segment _____ corresponds to segment___

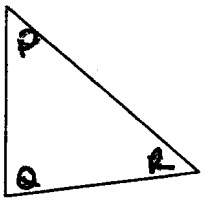

A
C
B

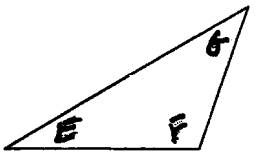

G
I
H

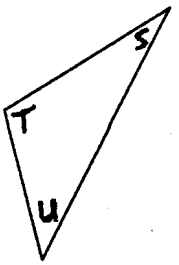

J
K
L

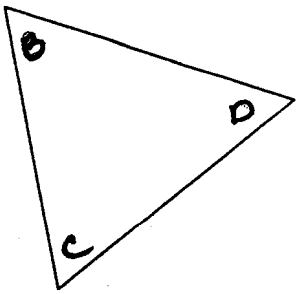

D
F
E

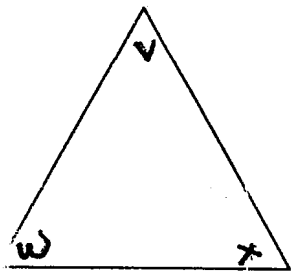

m
O
N

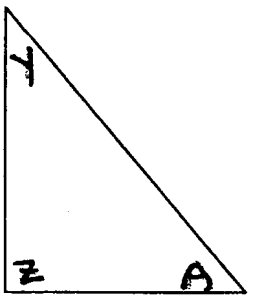

P
Q
R

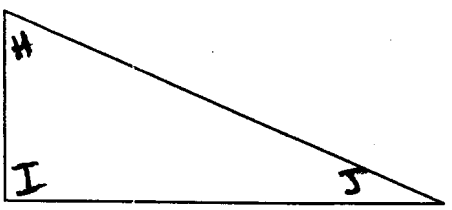

G
E
F

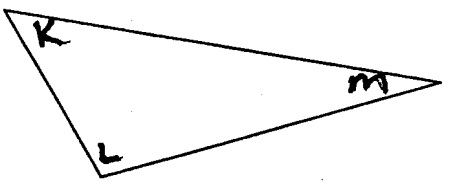

S
T
U


B
D
C


V
W
X


Y
Z
A


H
I
J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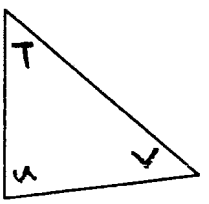
L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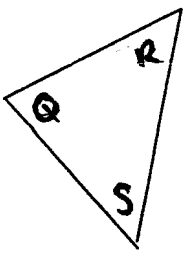
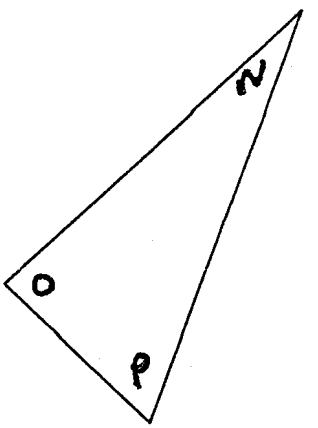
U
V


R
Q
S


N
O
P