



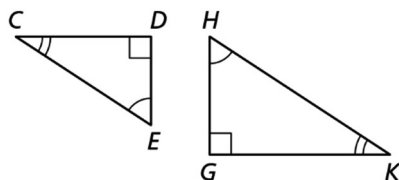
## Puzzle Time

### What Gets Wetter The More It Dries?

Write the letter of each answer in the box containing the exercise number.

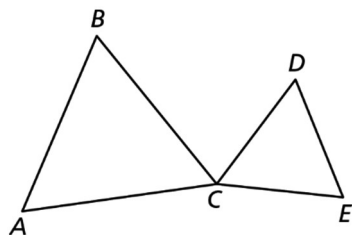
- Complete the sentence. If two angles of one triangle are congruent to two angles of another triangle, then the two triangles are \_\_\_\_\_.

Use the diagram.



- If  $m\angle C = 36^\circ$ , then  $m\angle H = 54^\circ$ . True or false?
- Complete the statement.  $\triangle EDC \sim \triangle$  \_\_\_\_\_
- If  $m\angle E = 73^\circ$ , find  $m\angle K$ .

Use the diagram.



- $m\angle A = 42^\circ$ ,  $m\angle D = 95^\circ$ ,  $m\angle E = 42^\circ$ ,  $\angle B \cong \angle D$ ; Find  $m\angle ACB$ .
- $m\angle A = m\angle E = m\angle ACB = m\angle ECD = 59^\circ$ ; Find  $m\angle D$ .

#### Answers

- K.  $73^\circ$   
 L.  $17^\circ$   
 U. false  
 T.  $62^\circ$   
 A. congruent  
 M. right angle  
 W. similar  
 E.  $43^\circ$   
 I.  $EDC$   
 O. true  
 D.  $42^\circ$   
 A.  $HGK$   
 B.  $KGH$

|   |  |   |   |   |   |   |
|---|--|---|---|---|---|---|
| 3 |  | 6 | 2 | 1 | 5 | 4 |
|---|--|---|---|---|---|---|