

Puzzle Time

Why Did The Boy Throw His Clock Out The Window?

Α	В	С	D	E	F
G					

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

11 TO

13 **PLANE**

77 **BREAK**

> 6 SEE

ΑN

5 **BIRD**

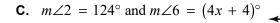
> 70 THE

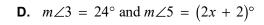
> > 12 ΗE

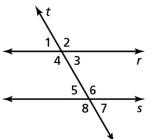
Using the diagram, find the value of x that makes r parallel to s.

A.
$$m \angle 1 = 30^{\circ} \text{ and } m \angle 7 = (2x + 10)^{\circ}$$

B. $m \angle 4 = 135^{\circ} \text{ and } m \angle 5 = (4x - 3)^{\circ}$







7 FLY	
3 TIME	

30 **WANTED**

TAKE

2 **FOREVER**

10 **BECAUSE**

 $34\frac{1}{2}$ SOUND

> 9 **HOLD**

Use the diagram. Complete the proof using the correct reason below.

Given $\angle 2 \cong \angle 8$ Prove $r \parallel s$

Prove
$$r \parallel s$$

STATEMENTS	REASONS
∠2 ≅ ∠8	Given
∠4 ≅ ∠2	E.
∠4 ≅ ∠8	F.
$r \parallel s$	G.

- 1. Consecutive Interior Angles Converse
- 2. Alternate Interior Angles Converse
- 3. Transitive Property of Congruence
- 4. Transitive Property of Parallel Lines
- 5. Alternate Exterior Angles Converse
- 6. Vertical Angles Congruence Theorem
- 7. Corresponding Angles Converse