15, 25 417 13. ∠3 and ∠12 30. If $m \angle 2 = 4x + 7$ and $m \angle 3 = 5x - 13$, find $m \angle 3$. Show all work. 11. 28 and 29 9. 21 and 27 For #9-20, refer to the image at the right. Identify each pair of angles as alternate interior, 8. 29 and 216 7. 28 and 214 6. 22 and 212 5. ∠3 and ∠10 alternate exterior, corresponding, consecutive interior, vertical, linear pair or no relationship. angle pair. Relationship:_ Relationship: Relationship: Relationship: 23 = _ |: |: | Transversal: Transversal: Transversal: Transversal: 14. 24 and 210 16, L9 and L11 10. 42 and 410 12. \(\text{11 and } \(\text{212} \) T A い本 \$ 本社 do

	32			
	32. Find x and m∠RSU so that m [] n . Show all work.			
d				
•				
5				
0				

mzRSU =____

For #5-8, name the transversal that forms each pair of angles then identify the relationship of the

	rallel Lines: &.	tifies your answer.	the following informs		1	1.00	RSU so that $m \mid \mid n$ Show all work.
	. 27,		tion, determine which line		\ \	DA	how all work.
Contract of the state of the st			the following information, determine which lines, if any, are parallel. State the	7	S. (0x-11)° x	(3x + x8)	#
		•	0	100	•	## ##	

For #33-36, given Theorem that just

33. ∠16 ≅ ∠3 Pa 34. ∠4 ≅ ∠13 Parallel Lines: Theorem: 本院

35. mz14 + mz10 = 180 Parallel Lines:_

Theorem:

36. ∠1 ≅ ∠7 Parallel Lines: Theorem:

For #37-38, find x so that ℓ . ||m| Identify the relationship between the angles. Show all work

Angle Relationship:_ (5x + 90) $(14x + 9)^{\circ}$ Angle Relationship:

(x+2y)° $(9x - 11)^{\circ}$

40. In the drawing, d || e and a || c.

Find the values for v, w, x, y and z.