

11. Given: $\angle EBF \cong \angle DBF$ Is $\angle ABF \cong \angle CBF$? If so, what is their measure?



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12. Given: $\overline{AC} \cong \overline{BD}$, AB = x + 7y, BC = 3x + 4y, CD = 5x - y; AC = 38Find the values of x & y and AD.

13. Given: $\angle ABD \cong \angle CBE$, $m \angle 1 = x^2 + 7x$, $m \angle 3 = 2x + 50$, $m \angle ABE = 100$ Find the value of *x* (that makes sense) and $m \angle 2$.







18. Given: Prove:	$\frac{\angle NPR \text{ is a right } \angle}{WE \perp ET}$ $\angle SPR \cong \angle XET$ $\angle NPS \cong \angle WEX$	
STATEMENTS		REASONS