Theorem Graphic Organizer Key

Theorem:	Diagram:
Corresponding angles:	$ \xrightarrow{a} $
If lines are parallel, then the corresponding angles are congruent.	$\leftrightarrow b$
Converse statement (if proved):	$\angle a \cong \angle b$ Reference: 1-84
Theorem:	Diagram:
Alternate interior angles:	$\leftrightarrow_a/\rightarrow$
If lines are parallel, then the alternate interior angles are congruent.	
Converse statement (if proved):	$\Delta a = \Delta b$ Reference: 1-94
Theorem:	Diagram:
Same-side interior angles:	$\leftrightarrow_a/\rightarrow$
If lines are parallel, then the same-side interior angles are supplementary.	\overleftarrow{b} $m\angle a + m\angle b = 180^{\circ}$
Converse statement (if proved):	Reference: 1-95