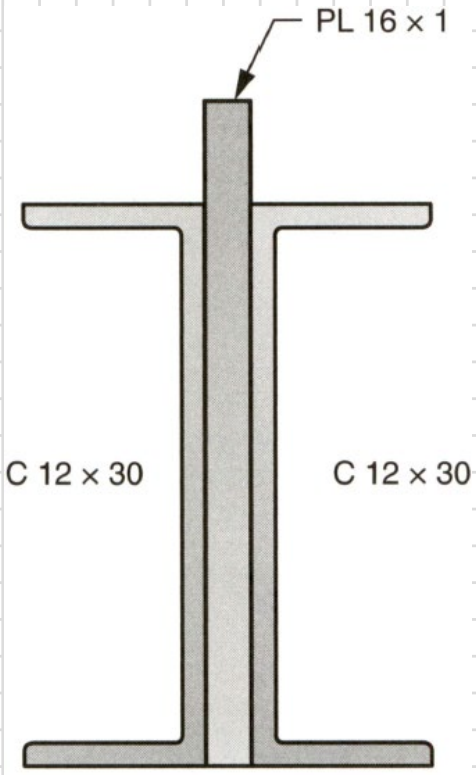
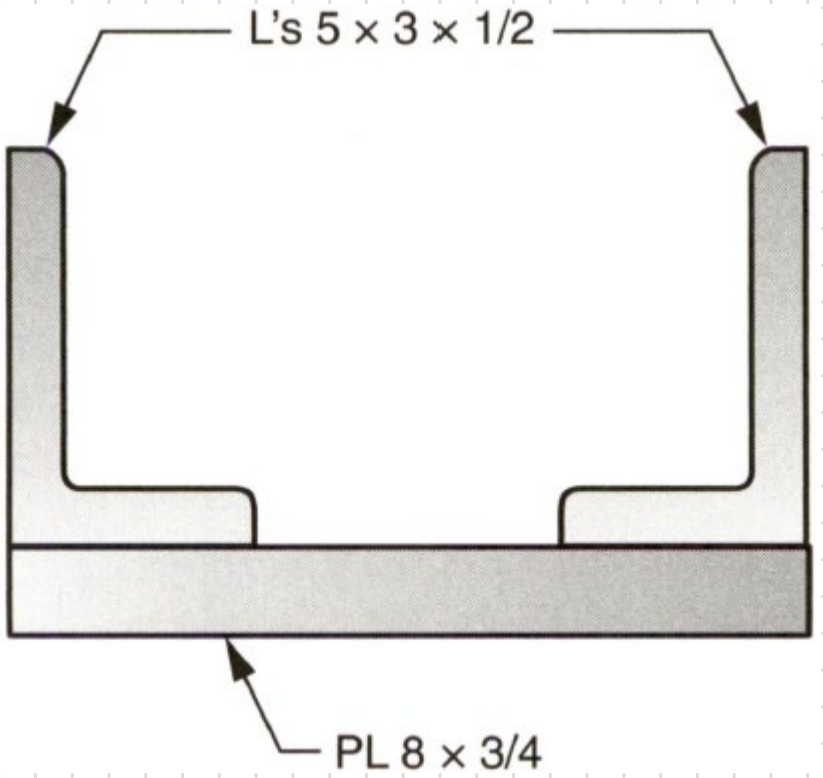
1. Determine the moment of inertia about the centroidal x- and the centroidal y-axes for the shape shown.



(1) Part	(2) A (in.^{2})	(3) y (in.)	(4) Ay (in.^{3})	(5) $\bar{y} - y$ (in.)	(6) $A(\bar{y} - y)^2$ (in.^{4})	(7) I (in.^{4})

(1) Part	(2) A (in.^{2})	(3) x (in.)	(4) Ax (in.^{3})	(5) $\bar{x} - x$ (in.)	(6) $A(\bar{x} - x)^2$ (in.^{4})	(7) I (in.^{4})

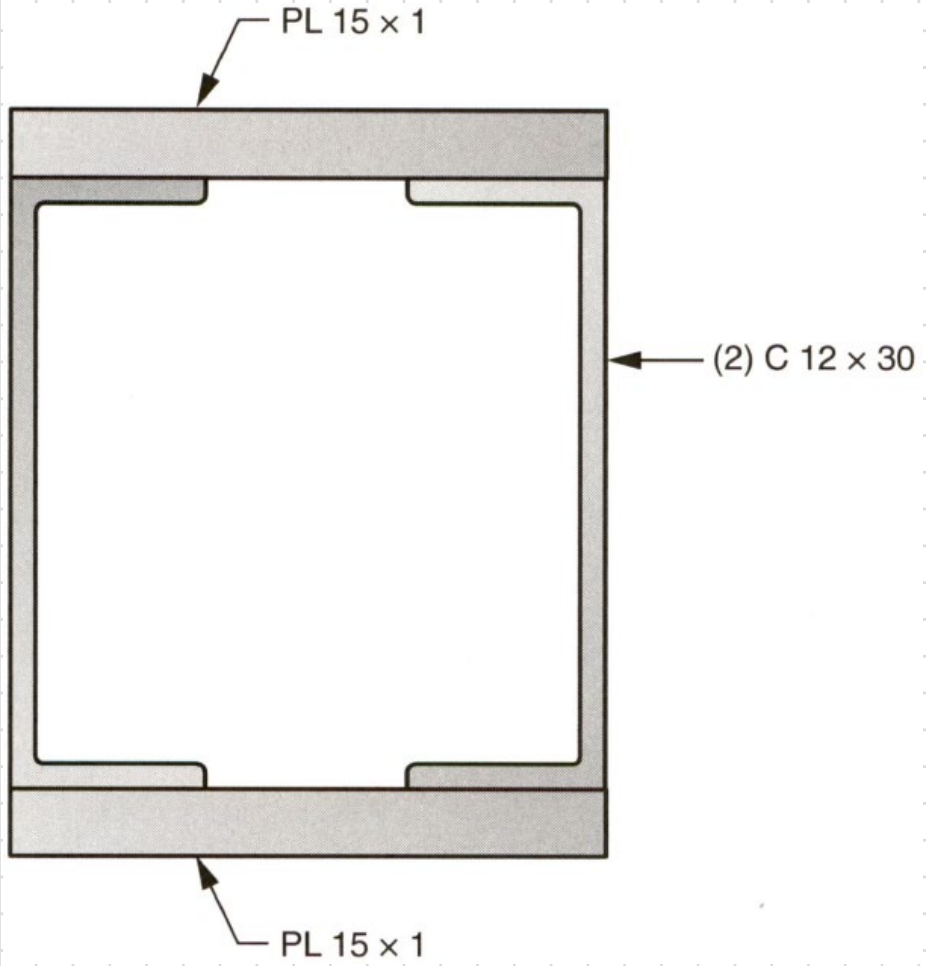
2. Determine the moment of inertia about the centroidal x- and the centroidal y-axes for the shape shown.



(1) Part	(2) A (in.^{2})	(3) y (in.)	(4) Ay (in.^{3})	(5) $\bar{y} - y$ (in.)	(6) $A(\bar{y} - y)^2$ (in.^{4})	(7) I (in.^{4})

(1) Part	(2) A (in.^{2})	(3) x (in.)	(4) Ax (in.^{3})	(5) $\bar{x} - x$ (in.)	(6) $A(\bar{x} - x)^2$ (in.^{4})	(7) I (in.^{4})

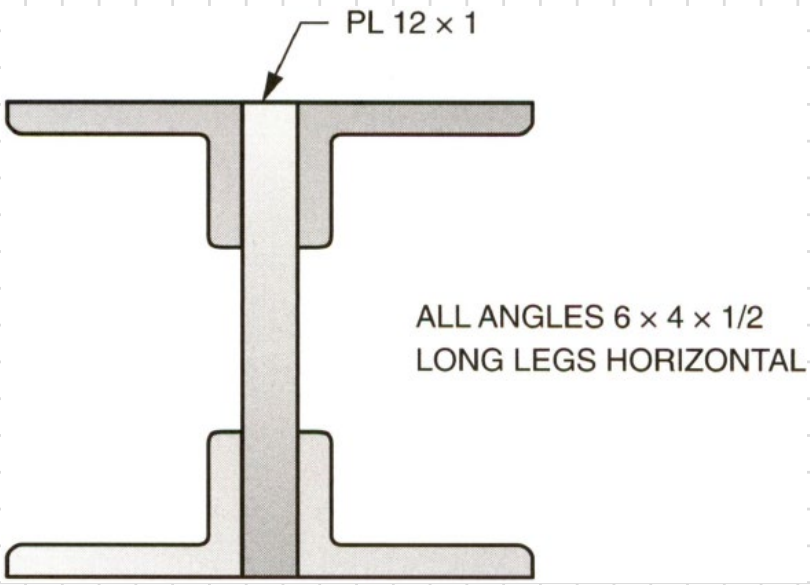
3. Determine the moment of inertia about the centroidal x- and the centroidal y-axes for the shape shown.



(1) Part	(2) A (in.^{2})	(3) y (in.)	(4) Ay (in.^{3})	(5) $\bar{y} - y$ (in.)	(6) $A(\bar{y} - y)^2$ (in.^{4})	(7) I (in.^{4})

(1) Part	(2) A (in.^{2})	(3) x (in.)	(4) Ax (in.^{3})	(5) $\bar{x} - x$ (in.)	(6) $A(\bar{x} - x)^2$ (in.^{4})	(7) I (in.^{4})

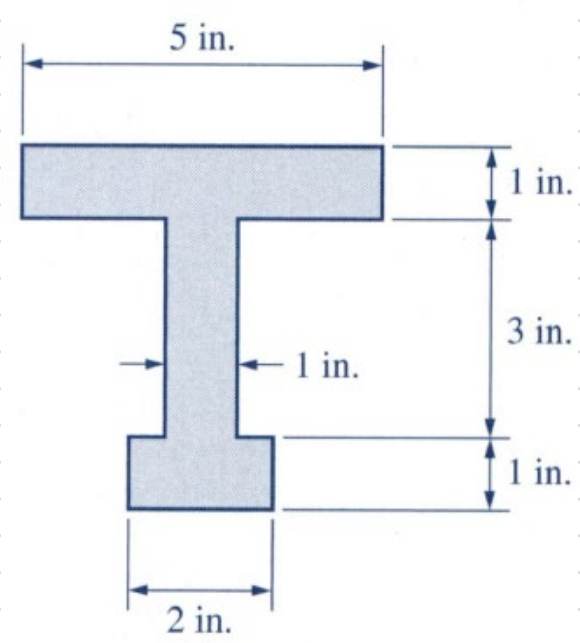
4. Determine the moment of inertia about the centroidal x- and the centroidal y-axes for the shape shown.



(1) Part	(2) A (in.^{2})	(3) y (in.)	(4) Ay (in.^{3})	(5) $\bar{y} - y$ (in.)	(6) $A(\bar{y} - y)^2$ (in.^{4})	(7) I (in.^{4})

(1) Part	(2) A (in.^{2})	(3) x (in.)	(4) Ax (in.^{3})	(5) $\bar{x} - x$ (in.)	(6) $A(\bar{x} - x)^2$ (in.^{4})	(7) I (in.^{4})

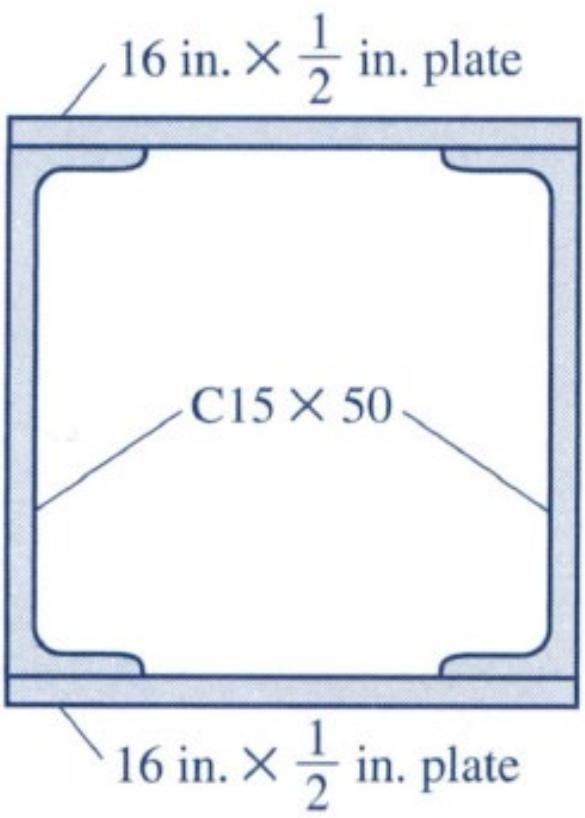
5. Determine the moment of inertia about the centroidal x- and the centroidal y-axes for the shape shown.



(1)	(2)	(3)	(4)	(5)	(6)	(7)
Part	A (in.^{2})	y (in.)	Ay (in.^{3})	$\bar{y} - y$ (in.)	$A(\bar{y} - y)^2$ (in.^{4})	I (in.^{4})

(1) Part	(2) A (in.^{2})	(3) x (in.)	(4) Ax (in.^{3})	(5) $\bar{x} - x$ (in.)	(6) $A(\bar{x} - x)^2$ (in.^{4})	(7) I (in.^{4})

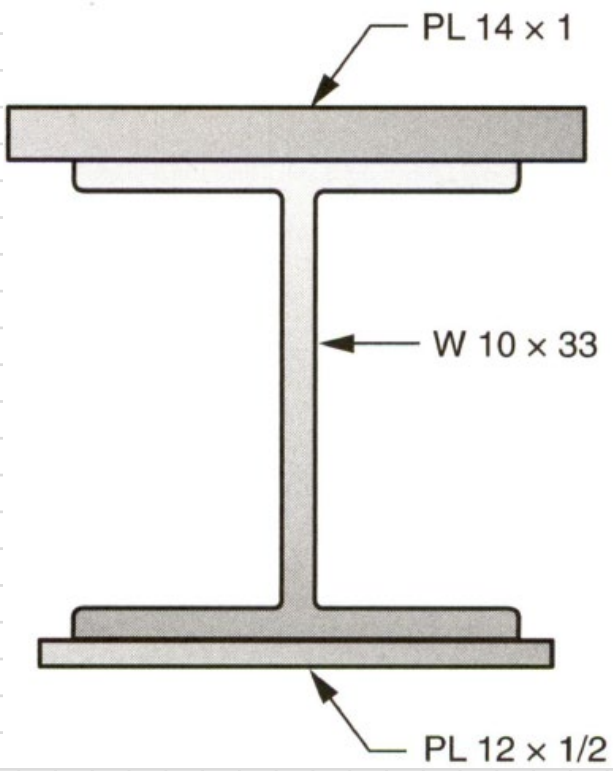
6. Determine the moment of inertia about the centroidal x- and the centroidal y-axes for the shape shown.



(1)	(2)	(3)	(4)	(5)	(6)	(7)
Part	A (in.^{2})	y (in.)	Ay (in.^{3})	$\bar{y} - y$ (in.)	$A(\bar{y} - y)^2$ (in.^{4})	I (in.^{4})

(1) Part	(2) A (in.^{2})	(3) x (in.)	(4) Ax (in.^{3})	(5) $\bar{x} - x$ (in.)	(6) $A(\bar{x} - x)^2$ (in.^{4})	(7) I (in.^{4})

7. Determine the moment of inertia about the centroidal x- and the centroidal y-axes for the shape shown.



(1) Part	(2) A (in.^{2})	(3) y (in.)	(4) Ay (in.^{3})	(5) $\bar{y} - y$ (in.)	(6) $A(\bar{y} - y)^2$ (in.^{4})	(7) I (in.^{4})

(1) Part	(2) A (in.^{2})	(3) x (in.)	(4) Ax (in.^{3})	(5) $\bar{x} - x$ (in.)	(6) $A(\bar{x} - x)^2$ (in.^{4})	(7) I (in.^{4})