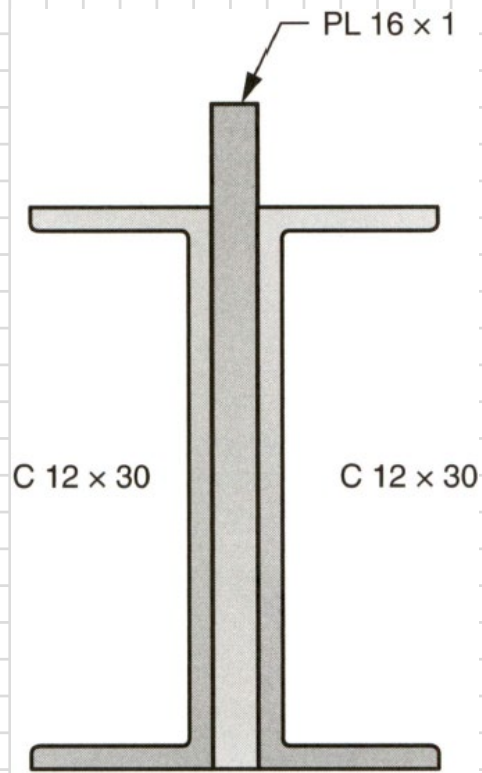


1. Determine the moment of inertia about the centroidal x- and the centroidal y-axes for the shape shown.



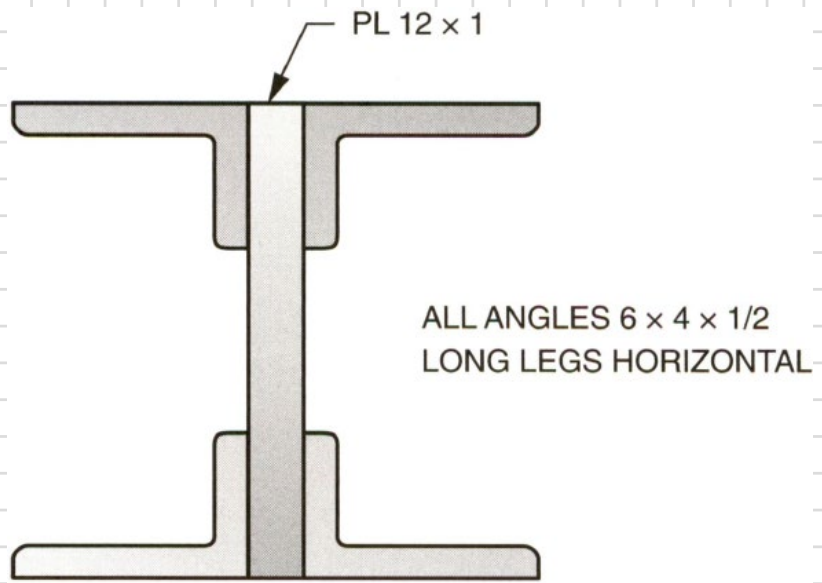
(1) Part	(2) A (in. ²)	(3) y (in.)	(4) Ay (in. ³)	(5) $\bar{y} - y$ (in.)	(6) $A(\bar{y} - y)^2$ (in. ⁴)	(7) I (in. ⁴)
-------------	--------------------------------	------------------	---------------------------------	----------------------------	---	--------------------------------

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

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

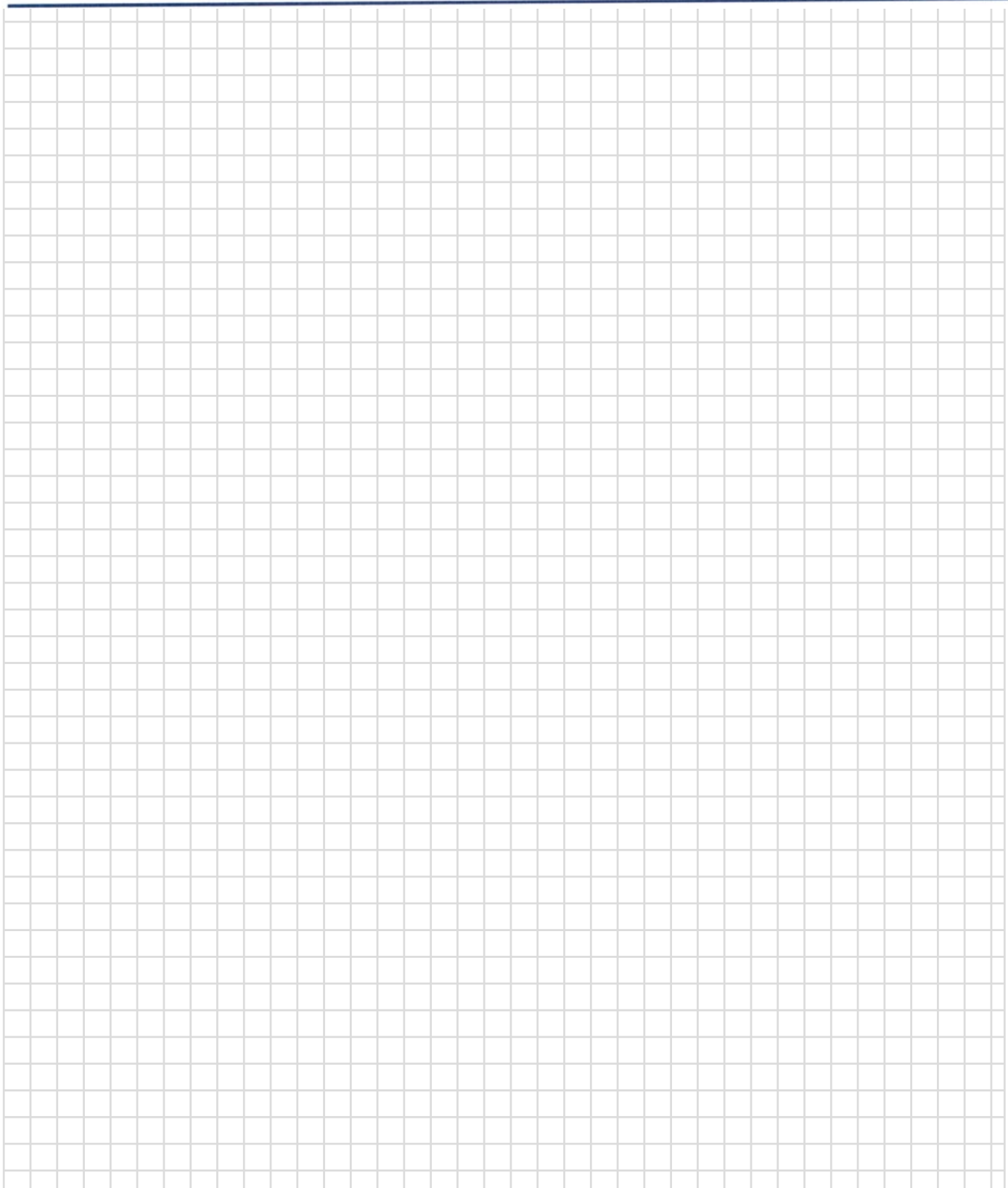
The page contains a large grid of graph paper, approximately 30 columns wide and 40 rows high, intended for recording data for the table above. The grid is bounded by a double-line border at the top and bottom.

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

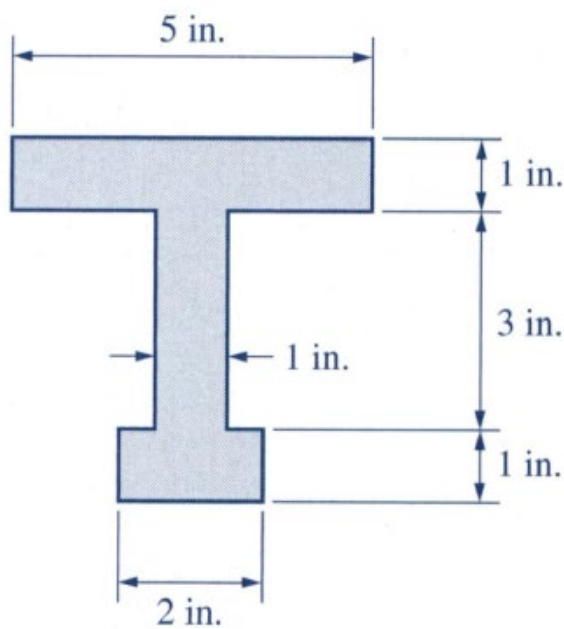


(1) Part	(2) A (in. ²)	(3) y (in.)	(4) Ay (in. ³)	(5) $\bar{y} - y$ (in.)	(6) $A(\bar{y} - y)^2$ (in. ⁴)	(7) I (in. ⁴)
-------------	--------------------------------	------------------	---------------------------------	----------------------------	---	--------------------------------

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



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

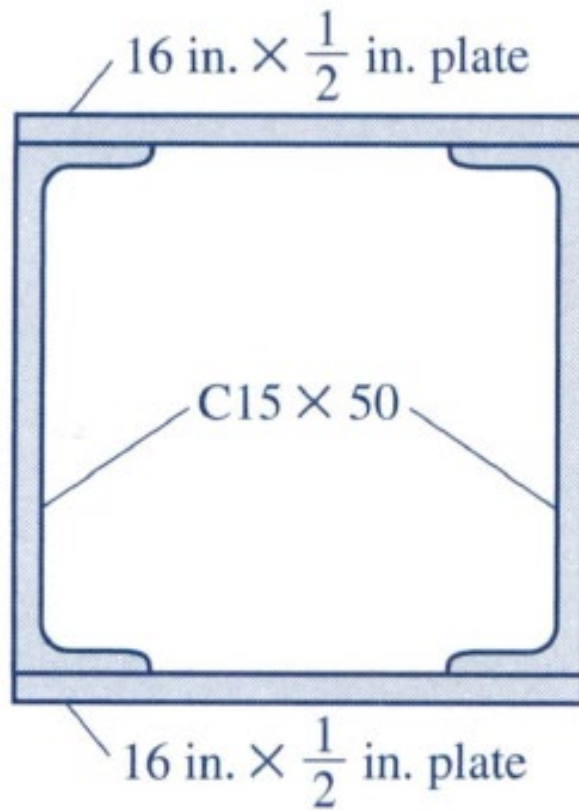


(1) Part	(2) A (in. ²)	(3) y (in.)	(4) Ay (in. ³)	(5) $\bar{y} - y$ (in.)	(6) $A(\bar{y} - y)^2$ (in. ⁴)	(7) I (in. ⁴)

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

A large grid for calculations, spanning 30 columns and 30 rows, aligned with the table headers above.

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	$A \text{ (in.}^2\text{)}$	$y \text{ (in.)}$	$Ay \text{ (in.}^3\text{)}$	$\bar{y} - y \text{ (in.)}$	$A(\bar{y} - y)^2 \text{ (in.}^4\text{)}$	$I \text{ (in.}^4\text{)}$

