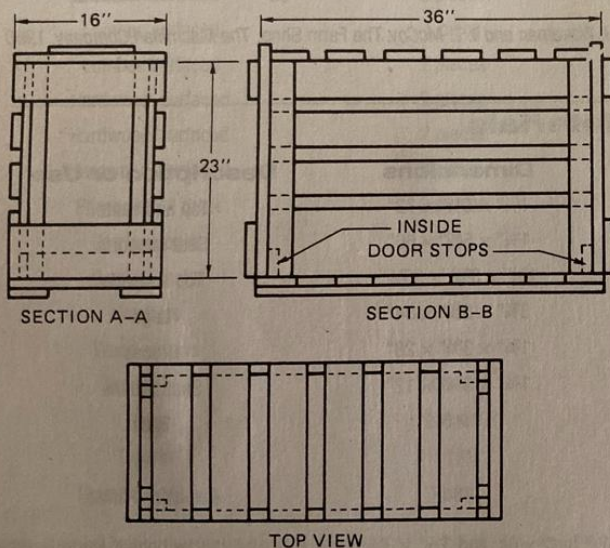
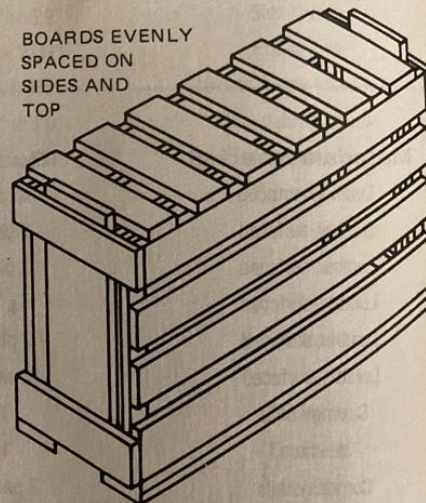


Name _____ School _____

Plan for Hog-Shipping Crate



BOARDS EVENLY SPACED ON SIDES AND TOP



Materials Needed

	Quantity	Dimensions	Description or Use
Lumber, unsurfaced	2 pieces	1" x 6" x 36"	Bottom side pieces
Rip from 1"x6"x10' board	2 pieces	1" x 5" x 16"	Bottom end pieces
	2 pieces	1" x 4" x 36"	Runners
	9 pieces	1" x 4" x 16"	Flooring
	4 pieces	1" x 4" x 23"	Corner uprights
	6 pieces	1" x 4" x 36"	Top and middle side pieces
	6 pieces	1" x 4" x 16"	Top crosspieces
	2 pieces	1" x 4" x 12"	Inside doorstop
	2 pieces	1" x 4" x 16"	Top end pieces
	2 pieces	1" x 10" x 24"	Doors
Machine bolts	2	1/4" x 2 1/2"	—
Wing nuts	2	1/4"	—
Box nails	3 pounds	8d	—

Fill in the blanks

Materials available to purchase	# needed to purchase	Cost per item	Subtotals	Grand total (no taxes)
1"x4"x8'		\$5.99 each		
1"x6"x10'		\$9.69 each		
1"x10"x8'		\$12.29 each		
1/4"x2.5" machine bolts	2	\$.99 each	1.98	
1/4" wing nuts	2	\$.39 each	.78	
Pound of 8d nails	3 pounds	\$2.99 per pound	8.97	

Key

Materials available	# needed to purchase	Cost per item	Subtotals	Grand total (no taxes)
1"x4"x8'	8	\$5.99 each	47.92	81.63
1"x6"x10'	1	\$9.69 each	9.69	
1"x10"x8'	1	\$12.29 each	12.29	
¼"x2.5" machine bolts	2	\$.99 each	1.98	
¼" wing nuts	2	\$.39 each	.78	
Pound of 8d nails	3 pounds	\$2.99 per pound	8.97	

Cost Rubric

161.63
 } 2
 141.63
 } 4
 121.63
 } 6
 101.63
 } 8
 91.63
 } 10
81.63
 } 10
 71.63
 } 8
 61.63
 } 6
 41.63
 } 4
 21.63
 } 2
 1.63