

A warehouse is

Volume =

Storage Space =

When calculating storage space,



Storage space is used for products or materials until they are utilized.

Storage Space = Volume per Item x Number of Items

Item	Length	Width	Height	Volume	Number of Items	Storage Space
Tool box	21 in	14 in	15 in		30	
Jars (12)	11 in	11 in	6 in		300	
Shelves	5 ft	29 in	5 ft		39	
Golfcart	12 ft	60 in	7.5 ft		5	

In the chart above, the dimensions for the storage containers are given. How many cubic feet of storage space is needed for all of the jars? Round your answer up to the next cubic foot.



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Storage Space = Volume per Item x Number of Items

Item	Length	Width	Height	Volume	Number of Items	Storage Space
Tool box	21 in	17 in	16 in		30	
Jars (12)	9 in	11 in	6 in		100	
Shelves	4 ft	29 in	4 ft		36	
Golfcart	11 ft	63 in	7 ft		12	

In the chart above, the dimensions for the storage containers are given. How many cubic feet of storage space is needed for all of the tool boxes? Round your answer up to the next cubic foot.

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Elwood Waldon has worked at America Online for 7 years. He has decided to store some products for the company. There is a storage location that charges \$83.35 per 1,000 cubic feet per month. Elwood has 799 cartons that measure 12 inches by 34 inches by 36 inches each. If storage space can only be purchased in 1,000 cubic feet increments, how much will storage cost each month? Express your answer as a dollar amount to the nearest cent.

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Hans Gillespie has worked at Showbiz Pizza for 16 years. He has decided to store some products for the company. There is a storage location that charges \$99.57 per 1,000 cubic feet per month. Hans has 477 cartons that measure 16 inches by 33 inches by 24 inches each. If storage space can only be purchased in 1,000 cubic feet increments, how much will storage cost each month? Express your answer as a dollar amount to the nearest cent.

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$$\text{Storage Space} = \text{Volume per Item} \times \text{Number of Items}$$

Item	Length	Width	Height	Volume	Number of Items	Storage Space
Tool box	22 in	17 in	13 in		35	
Jars (12)	9 in	12 in	7 in		100	
Shelves	3 ft	29 in	3 ft		29	
Golfcart	11 ft	63 in	6 ft		4	

In the chart above, the dimensions for the storage containers are given. How many cubic feet of storage space is needed for all of the shelves? Round your answer up to the next cubic foot.

Storage space is used for products or materials until they are utilized.

$$\text{Storage Space} = \text{Volume per Item} \times \text{Number of Items}$$

Item	Length	Width	Height	Volume	Number of Items	Storage Space
Tool box	22 in	18 in	15 in		30	
Jars (12)	11 in	11 in	6 in		350	
Shelves	5 ft	35 in	5 ft		27	
Golfcart	10 ft	68 in	6 ft		18	

In the chart above, the dimensions for the storage containers are given. How many cubic feet of storage space is needed for all of the golf carts? Round your answer up to the next cubic foot.