

Concrete Cost Estimation

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Fill in the red spaces in the chart below. Descriptions and unit costs have been provided for you.

Material	Size/Description	Quantity	Unit Cost	Cost
Concrete (note: since we're working feet, we MUST convert the 4in to feet before we multiply). (note: Concrete is purchased in cubic yards, so divide your answer by 27 to convert)	12 ft x 16 ft x 4 in.	64 ft ³	\$98 / cubic yard	\$294
Steel (rebar) (Draw your rebar plan using as FEW bars as possible.)	#4 (9/16 in. x 10 ft)	32 bars	\$4.32 per 10 foot length	\$164.16
Include a picture of your new Rebar plan. Double click on the drawing and use colorful lines to draw up your Rebar plan. ---->	<p>** Don't forget any 2 pieces of rebar must have a 6" overlap! Key (CHANGE THIS IF YOU WANT TO): 10 foot pieces = RED 6 foot pieces = BLUE ?? foot pieces = ????</p>			

12 Foot Forms (Hint: How many 12ft sides of the building are there?)	2 in. x 6 in. – 12 ft	2	\$3.12 / 12 foot board	\$6.24
16 Foot Forms (Hint: How many 12ft sides of the building are there?)	2 in. x 6 in. – 16 ft	2	\$3.98 / 16 foot board	\$7.96
n/a	n/a	Total Cost		\$472.36
What percentage of the total cost does the steel (rebar) account for?				37.75%