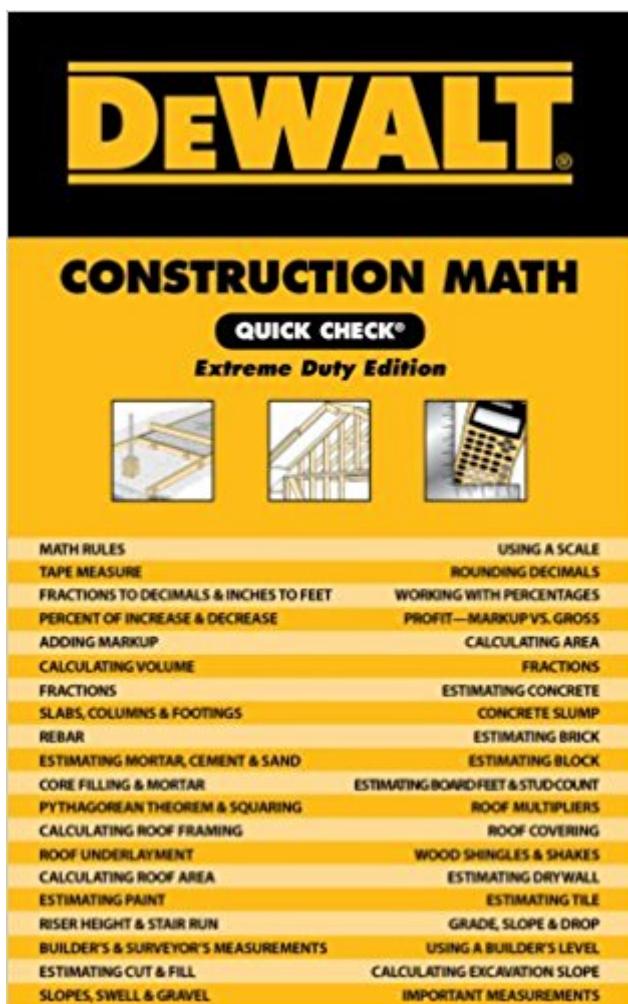


The book was found

DEWALT Construction Math Quick Check: Extreme Duty Edition (DEWALT Series)



Synopsis

DEWALT Construction Math Quick Check: Extreme Duty Edition has identified the mathematical formulas that are most commonly used in the construction industry and simplified them using a clear, step-by-step approach. Topics include basic conversions, percentages, volume calculations, framing calculations, and more. The guide also offers more than just solid content: its durable material makes it a toolbox- and site-friendly resource, and its tabs make it easy to quickly access the information you need, when you need it.

Book Information

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Customer Reviews

Chris Prince has been in the construction industry for the past 15 years, both in the field and formal training. By developing courses and teaching in live classroom settings, he has helped more than 10,000 candidates across the country prepare for state licensing exams. Mr. Prince has been instrumental in launching an online training program for residential and commercial contractors, with emphasis on building theory, codes, licensing, lien laws, business management, ethics, OSHA, contract law, payroll, and project management. He is a graduate of Middle Tennessee State University.

Great book. Wealth of information all in a compact easy to read booklet. Very durable

nice

DEWALT Construction Math Quick Check: Extreme Duty Edition ; for every backyard, and not so backyard construction worker. The reference has save me on material cost a number of times when fatigue was keeping the mind from working properly

Very helpful

Great reading really helpful!

Great back up book. Solves all the items we forgot with time, or methods used.

For some reason, I was expecting one of those essential math compendiums that were the norm before calculators and then the internet rendered them obsolete. But this is an interesting compendium of basic math, some intermediate and mildly advanced math as it applies to the building trades - and a few things that leave you wondering why they are there at all. The very first rule stated is "ALWAYS USE A CALCULATOR Never add anything in your mind. And you should always perform each complete calculation at least twice. . ." This is followed by "WRITE IT OUT" and three more elementary rules. I guess it is a help for some people to be reminded of basic rules like put pants on, then shoes.. Actually the rules are excellent and there is no harm in being reminded of them. There are short reminders of how to use architectural and engineering scale drawings, how to use a tape measure, rounding decimals, converting fractions to decimals and inches to feet, percentages, fractions and volume. These sections taken together are what I thought the booklet would be. They are indeed all here, covered surprisingly well in minimum space. But there's lot more specific to the construction trades, 27 sections in all for calculating and estimating rebar, brick, mortar, cement and sand and more. There's a refresher on builder's and surveyor's measures as well as calculating excavation slope. I am not in the construction trades, but I can certainly see the value in having a booklet like this on hand to remind me of what I have forgotten or as a checklist. Every page is printed on substantial card stock. The layout is clean, the design crisp. The top-edge spiral binding is sturdy. In short, this is a book intended for rough handling in the field. The back cover is a collection of commonly needed conversions such as speed, liquid measurements and temperature among others. While I don't see myself personally using this book for estimating concrete requirements, I can see where those in the construction trades would. For

myself, it's a solid reminder of essential math.Jerry

I will keep this in my toolbox. I actually got this for my son to explain how math/geometry can be applied in the real world. In the process, I learned how to calculate concrete slump, board feet and roof underlayment. I also learned how much area can be covered by a bundle of 24" cedar handsplit shakes with a 7" exposure and how much paint I need to buy for two coats on the stucco wall out back. The formulae are organized well, indexed, and explained in enough detail to use them -- there is at least one example per section to illustrate how they can be used in a real scenario. Where standard measurements are available, tables have been added to simplify the calculations: the quantity of mortar (in cubic feet) required to lay 1000 bricks using a joint thickness of 3/8" and a wall thickness of 8" can be found by locating the intersection of 3/8" and 8" on a provided table without any calculation needed. (11.8 cubic feet are required for masonry cement, simply multiply by 0.5, and multiply by 100 for the amount of sand required. Simple. Beyond the physical calculations, it also includes some business calculations like "Profit - Markup vs. Gross," a review of basic skills like fractions and rounding decimals (don't do it until the END), and reminders like making sure all of your values are expressed in compatible units (don't attempt to add square feet and cubic feet together ... you won't get anything useful, especially if you don't realize you did that). One correction for the back page: 1 mile is NOT 1.609 meters (should be 1.609 *kilometers*)

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